

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, Ph.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES
APR 03 2009

CERTIFIED MAIL 7005 1820 0002 2359 2402
RETURN RECEIPT REQUESTED

AI No.: 88152
Activity No.: GEN20080001

Mr. Brad Burmaster
LDH Energy Olefins, LLC
11135 Industriplex Blvd., Suite 1500
Baton Rouge, LA 70809

RE: Louisiana Pollutant Discharge Elimination System (LPDES) General Sanitary Class I
Permit Authorization Number LAG533084.

Dear Mr. Burmaster:

The Office of Environmental Services (Office) has received and reviewed your application dated November 7, 2008 for a discharge permit for your gas processing plant facility located at 1701 Paris Road, Gate 50 (ExxonMobil-Chalmette Refining Property) in Chalmette, St. Bernard Parish. This facility has been determined eligible for coverage under our general permitting system. Therefore, pursuant to the Louisiana Environmental Quality Act (LA R.S. 30:2001, et seq.), the attached Louisiana Pollutant Discharge Elimination System general permit, authorization number LAG533084, has been issued authorizing

LDH Energy Olefins, LLC
Chalmette Gas Processing Plant
1701 Paris Road, Gate 50 (ExxonMobil-Chalmette Refining Property)
Chalmette, LA 70044
Telephone Number: (504) 281-1722

to discharge treated sanitary wastewater totaling less than 5,000 gallons per day (GPD) maximum from your facility by pipe into an unnamed ditch, thence into the Delaronde Canal and the 40 Arpent Canal, thence into the marsh of Bayou Bienvenue, in subsegment 041801 of the Lake Pontchartrain basin. If at any time the flow from your facility reaches or exceeds 5,000 GPD, you are required to apply for a permit modification immediately. Please read the entire permit very carefully to ensure that you thoroughly understand the conditions of the permit.

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Chalmette Gas Processing Plant
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Your facility will be assessed an Annual Maintenance and Surveillance Fee in the amount of \$118.80, to be invoiced separately by the Department. An Oyster Sanitation Fee has been assessed since your discharge is to the Lake Pontchartrain basin. Annual fee amounts are subject to adjustment at a later date by promulgation of changes in the Louisiana Administrative Code. Billing questions may be addressed to our Financial Services Division at (225) 219-3863. Pursuant to LAC 33:IX.1309.I, LAC 33:IX.6509.A.1, and LAC 33:I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify your facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division at (225) 219-3863. **Any outstanding fees must be remitted via a check to the Louisiana Department of Environmental Quality within thirty (30) days after the effective date of your authorization to discharge under this permit.** Failure to pay the full amount due in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit authorization, and/or a civil penalty against you.

LDEQ reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future. Additional limitations and/or restrictions are based upon water quality studies and can indicate the need for advanced wastewater treatment. Water quality studies of similar dischargers and receiving water bodies have resulted in monthly average effluent limitations of 5 mg/L CBOD5 and 2 mg/L NH3-N. Prior to upgrading or expanding this facility, the permittee should contact LDEQ to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

The permittee shall follow the final effluent limitations and monitoring requirements in **Part I, Section B, Schedule B (Page 4 of 16)**. In accordance with **Part II, Section N**, monitoring results shall be reported on a Discharge Monitoring Report (DMR) per the schedule specified. A copy of the form to be used is attached. Copies of DMRs and all other correspondence should be sent to the Enforcement Division of the Office of Environmental Compliance, P. O. Box 4312, Baton Rouge, Louisiana 70821-4312. **Appendix A**, which lists each discharge number, description and location of the discharge point (outfall), and the final effluent limitations and monitoring requirements, is attached to this permit.

For all sanitary treatment plants, the plans and specifications must be approved by the Department of Health and Hospitals, Office of Public Health, P. O. Box 4489, Baton Rouge, Louisiana 70821-4489, telephone (225) 342-7395.

If you have any questions about the issuance of a general permit authorization for this facility, please contact Gene Jarreau at the address on the first page of this letter or by telephone at (225) 219-3080. To ensure that all correspondence regarding this facility is properly filed into the Department's Electronic Document Management System, you must reference your Agency Interest number 88152 and LPDES general permit authorization number LAG533084 on all future correspondence to this Department, including Discharge Monitoring Reports.

LDH Energy Olefins, LLC
Chalmette Gas Processing Plant
LAG533084; AI 88152
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Sincerely,



Jesse Chang
Environmental Scientist Manager
Industrial Water Permits Section

gvj

Attachments: Appendix A, DMR, Permit Parts I, II, III, Appendices B & C, and
Statement of Basis

cc: Public Health Chief Engineer
Office of Public Health
Department of Health and Hospitals

Gene Jarreau
Scott Guilliams
Water Permits Division

Gayle Denino
Office of Management and Finance

Permit Compliance Unit
Southeast Regional Office
Office of Environmental Compliance

David Ferrand
Permit Support Services Division

c: IO - W

**Louisiana Department of Environmental Quality
Office of Environmental Services**

APPENDIX A

**Louisiana Pollutant Discharge Elimination System (LPDES)
General Permit Authorization LAG533084**

AI No.: 88152

Activity No.: GEN20080001

Company:

LDH Energy Olefins, LLC
11135 Industriplex Blvd., Suite 1500
Baton Rouge, LA 70809

Facility:

Chalmette Gas Processing Plant
1701 Paris Road, Gate 50 (ExxonMobil-Chalmette Refining Property)
Chalmette, LA 70044

Telephone Number: (504) 281-1722

In accordance with Part II, Section N, monitoring results shall be reported on a Discharge Monitoring Report (DMR) per the schedule specified. A DMR form must be completed for each wastewater discharge point (outfall) listed below. Instructions are provided on the back of the DMR form.

When completing a DMR form, the permittee shall place the discharge number of the corresponding wastewater discharge point in the "Discharge Number" box. The following is a list of the wastewater discharge point(s) from your facility with the assigned discharge number, discharge location, and the final effluent limitations and monitoring requirements:

| Discharge Number | Discharge Location | Discharge Description | Final Effluent Limitations and Monitoring Requirements |
|------------------|---|-----------------------------|--|
| Outfall 01S | at the point of discharge from the sewer treatment plant, located 200 feet south of the levee, 140 feet south of Gate 29 XOM-Chalmette Refining property, parallel to Paris Road, running North, prior to combining with any other waters | treated sanitary wastewater | Part I, Section B, Schedule B, Page 4 of 16 |

DMR Instructions

(from back of DMR)

PAPER WORK REDUCTION ACT NOTICE

Public reporting burden for this collection of information is estimated to vary from a range of 10 hours as an average per response for some minor facilities, to 110 hours as an average per response for some major facilities, with a weighted average for major and minor facilities of 18 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and

GENERAL INSTRUCTIONS

1. If form has been partially completed by preprinting, disregard instructions directed at entry of that information already pre-printed.
2. Enter "Permittee Name/Mailing Address (and facility name/ location, if different)," "Permit Number," and "Discharge" where indicated. (A separate form is required for each discharge.)
3. Enter dates beginning and ending "Monitoring Period" covered form where indicated.
4. Enter each "Parameter" as specified in monitoring requirements of permit.
5. Enter "Sample Measurement" data for each parameter under "Quantity" and "Quality" in units specified in permit. "Average" is normally arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during "Monitoring Period"; "Maximum" and "Minimum" are normally extreme high and low measurements obtained during "Monitoring Period". (Note to municipals and secondary treatment requirement: Enter 30-day average of sample measurements under "Average", and enter maximum 7-day average of sample measurements obtained during monitoring period under "Maximum.")
6. Enter "Permit Requirement" for each parameter under "Quantity" and "Quality" as specified in permit.
7. Under "No Ex" enter number of sample measurements during monitoring period that exceeded maximum (and/or minimum or 7-day average as appropriate) permit requirement for each parameter. If none, enter "0".
8. Enter "Frequency of Analysis" both as "Sample Measurement" (actual frequency of sampling and analysis used during monitoring period) and as "Permit Requirement" specified in permit. (e.g. Enter "Cont," for continuous monitoring, "1/7" for one day per week, "1/30" for one day per month, "1/90" for one day per quarter, etc.)
9. Enter "Sample Type" both as "Sample Measurement" (actual sample type used during monitoring period) and as "Permit Requirement", (e.g. Enter "Grab" for individual sample, "24HC" for 24-hour composite, "CONT" for continuous monitoring, etc.)
10. Where violations of permit requirements are reported, attach a brief explanation to describe cause and corrective actions taken, and reference each violation by date.
11. If "No Discharge" occurs during monitoring period, check the box for "No Discharge", or if no box is present please write the words "NO DISCHARGE" across the DMR Form.
12. Enter "Name/Title of Principal Executive Officer" with "Signature of Principal Executive Officer or Authorized Agent", "Telephone Number", and "Date" at bottom of form.
13. Mail signed Report to Office(s) by date(s) specified in permit. Retain copy for your records.
14. More detailed instructions for use of this Discharge Monitoring Report (DMR) form may be obtained from Office(s) specified in permit.
15. Facilities using the digital form of the DMR must first obtain approval from the NPDES authority in their state. The parameters and data on the form must be mono-spaced (e.g. Courier) and have a size of 10 pitch (12 points). Approval for EPA Region 6 can be obtained by contacting Cathy Bius at (214)665-6456. Permittees holding a storm water general permit in New Mexico, Texas, or Oklahoma do not need approval if they use the correct type as specified above. THE FORM MAY NOT BE ALTERED IN ANY MANNER.

LEGAL NOTICE

This report is required by law (33 U.S.C. 1318; 40 C.F.R. 125.27). Failure to report or failure to report truthfully can result in civil penalties not to exceed \$10,000 per day of violation; or in criminal penalties not to exceed \$25,000 per day of violation, or by imprisonment for not more than one year, or by both.



MASTER GENERAL PERMIT
NUMBER: LAG530000

ACTIVITY NO: PER20060001

OFFICE OF ENVIRONMENTAL SERVICES
Water Discharge Permit

MASTER GENERAL PERMIT NUMBER LAG530000

Class I Sanitary Discharge General Permit

In accordance with the Clean Water Act of 1987 and the Louisiana Environmental Quality Act (La. R.S. 30:2001, et seq.: "The Act") and the Rules effective or promulgated under the authority of the Act, this Louisiana Pollutant Discharge Elimination System General Permit is issued. This permit authorizes persons who meet the requirements of Part I.A and have been approved by the Office to discharge to waters of the State treated sanitary wastewater and/or other accepted wastewater types totaling less than 5,000 gallons per day maximum expected flow in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III of this permit.

This permit shall become effective on 12/1/07

This permit shall expire five (5) years from the effective date of the permit.

Issued on 11/8/07

Chuck Carr Brown, Ph. D.
Assistant Secretary

PART I**Page 2 of 16****LAG530000; AI 97167****PER20060001****SECTION A. APPLICABILITY**

Facilities covered by this general permit are those discharging treated sanitary wastewater and/or other accepted wastewater types in quantities less than 5,000 GPD maximum expected flow as calculated using the sewage loading guidelines in the state sanitary code or from an alternative approved data source and which are required to meet a secondary level of treatment. "Accepted wastewater types" include those wastewaters with effluent characteristics which are not significantly different from sanitary wastewaters and which may be successfully treated by biological means to meet effluent limitations. Facilities covered include, but are not limited to, residential subdivisions, trailer parks, on-site residential laundry facilities, coin operated Laundromats, restaurants, schools, shopping centers, office buildings, and publicly owned treatment works.

All persons operating a source or conducting an activity that results in a treated sanitary wastewater discharge as described above are eligible for coverage under this general permit and will become permittees authorized to discharge upon written notification by this Office of coverage under this general permit. Notice of intent (NOI) to be covered under this general permit should be made using form WPS-G which may be obtained by calling (225) 219-3181 or on the internet at <http://www.deq.louisiana.gov/portal/Portals/0/permits/lpdes/wps-g.pdf>. Existing dischargers eligible for this permit must submit a NOI within thirty (30) days of the effective date of this permit. Proposed facilities desiring coverage under this permit must submit a NOI at least thirty (30) days prior to commencement of discharge. Any permittee covered by an individual permit may request that the individual permit be canceled if the permitted source or activity is also eligible for coverage by this general permit. Upon written acceptance of that request by this Office, the permittee will be covered by this general permit. Existing dischargers currently covered under the previous Class I Sanitary Discharge General Permit shall automatically be covered under this general permit, provided they continue to meet all applicability requirements.

This general permit shall not apply to:

1. discharges other than those described above;
2. facilities which do not conform with the regulations set forth in the Louisiana Sanitary Code;
3. facilities which receive unacceptable wastewater types from industrial and/or other sources; and
4. facilities which have been assigned limitations in the Louisiana Water Quality Management Plan or an approved Waste Load Allocation (from a previous study or from the current updates from the Total Maximum Daily Loads) that are different from those in this permit.
5. sanitary discharges at operations classed as new sources or new dischargers, if the discharge will cause or contribute to the violation of water quality standards (LAC 33:IX.2317.A.9).
6. facilities proposing to discharge into a waterbody designated as Outstanding Natural Resource Waters, as defined in LAC 33:IX.1123.Table 3, if it will cause degradation of these waters. As per LAC 33:IX.1119.C.4, Degradation is defined as a statistically significant difference at the 90 percent confidence interval from existing physical, chemical, and biological conditions. It will be the applicant's responsibility to provide data to the Water Permit Division to show that its facility will not cause degradation to Outstanding Natural Resource Waters as defined above.

SECTION B. EFFLUENT LIMITATIONS

The limitations listed below shall apply to each outfall at the facility. Please see Appendix A of this permit for the Outfall description and applicable schedules that shall apply to each particular outfall.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning with written notification of coverage under this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater totaling less than 5,000 gallons per day maximum expected flow from the specified facility in accordance with the following limitations:

SCHEDULE A¹ - FINAL EFFLUENT LIMITATIONS

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW - GPD | N/A | REPORT | 1/12 months | Estimate |
| BOD ₅ , mg/L | N/A | 45 | 1/12 months | Grab |
| TSS ² , mg/L | N/A | 45 | 1/12 months | Grab |
| FECAL COLIFORM ^{3&4} , Colonies / 100 ml | N/A | 400 | 1/12 months | Grab |
| pH ⁵ , standard units | --- | --- | 1/12 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule A will apply to facilities that discharge less than 2,500 GPD and have no food service waste or Laundromat wastewater.

² If the treatment unit is an oxidation pond, the weekly average limitation shall be 135 mg/L.

³ If chlorination is chosen as the disinfection method, see Part II, Section H.

⁴ If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

⁵ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

There shall be no discharge of floating solids or visible foam in other than trace amounts, nor of free oil or other oily material, nor of toxic materials in quantities such as to cause acute toxicity to aquatic organisms. Furthermore, there shall be no visible sheen or stains attributable to this discharge.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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During the period beginning with written notification of coverage under this permit and lasting through the expiration date of this permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater totaling less than 5,000 gallons per day maximum expected flow from the specified facility in accordance with the following limitations:

SCHEDULE B¹ – FINAL EFFLUENT LIMITATIONS

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|------------------------------|-----------------------|--------------------------------|--------------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW – GPD | N/A | REPORT | 1/6 months | Estimate |
| BOD ₅ , mg/L | 30 | 45 | 1/6 months | Grab |
| TSS ² , mg/L | 30 | 45 | 1/6 months | Grab |
| OIL & GREASE ³ , mg/L | N/A | 15 | 1/6 months | Grab |
| FECAL COLIFORM ^{4&5} , Colonies / 100 ml | 200 | 400 | 1/6 months | Grab |
| pH ⁶ , standard units | --- | --- | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule B will apply to facilities with food service waste or Laundromat wastewater, or facilities discharging greater than 2,500 GPD and less than 5,000 GPD.

² If the treatment unit is an oxidation pond, the month average limitation shall be 90 mg/l and the weekly average limitation shall be 135 mg/L.

³ Required only for discharges which include food service waste.

⁴ If chlorination is chosen as the disinfection method, see Part II, Section H.

⁵ If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

⁶ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

Industrial facilities with SIC Codes which would require coverage under the stormwater regulations and are eligible for coverage under this general permit shall be required to monitor 1/6 months.

There shall be no discharge of floating solids or visible foam in other than trace amounts, nor of free oil or other oily material, nor of toxic materials in quantities such as to cause acute toxicity to aquatic organisms. Furthermore, there shall be no visible sheen or stains attributable to this discharge.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

On a case-by-case basis, the permitting authority may require either Schedule C or Schedule D, as an alternative to Schedule A or Schedule B. These schedules may be required for facilities which discharge into an impaired waterbody or where a finalized TMDL has been performed. The determination of which schedule to impose on the facility will be based on, but not limited to, the size of the discharge, proximity to the named impaired waterbody, and wasteload allocations to similar point sources within the watershed.

SCHEDULE C

Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule C will apply to facilities which have been assigned the specific limitations listed in the final effluent limitations in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule C to address a 303(d) impairment without a finalized TMDL.

INTERIM EFFLUENT LIMITATIONS

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|--|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW - GPD | N/A | REPORT | 1/6 months | Estimate |
| BOD ₅ / CBOD ₅ , mg/L ¹ | 30 | 45 | 1/6 months | Grab |
| TSS ² , mg/L | 30 | 45 | 1/6 months | Grab |
| Oil & Grease ³ , mg/L | N/A | 15 | 1/6 months | Grab |
| FECAL COLIFORM ⁴ , Colonies / 100 ml | 200 | 400 | 1/6 months | Grab |
| pH ⁵ , standard units | --- | --- | 1/6 months | Grab |

¹ CBOD₅ limitations are required when NH₃-N limitations are placed in the permit. BOD₅ limitations are required when NH₃-N limitations are not placed in the permit.

² If the treatment unit is an oxidation pond, the monthly average is 90 mg/l and the weekly average is 135 mg/l.

³ Required only for discharges which include food services wastewater or Laundromat wastewater.

⁴ If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

⁵ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SCHEDULE C (CONT.)

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW – GPD | N/A | REPORT | 1/6 months | Estimate |
| BOD ₅ / CBOD ₅ , mg/L | 5 | 7.5 | 1/6 months | Grab |
| TSS, mg/L | 5 | 7.5 | 1/6 months | Grab |
| Ammonia-Nitrogen (NH ₃ -N), mg/l | 2 | 4 | 1/6 months | Grab |
| Oil & Grease ¹ , mg/L | N/A | 15 | 1/6 months | Grab |
| FECAL COLIFORM ² , Colonies / 100 ml | 200 | 400 | 1/6 months | Grab |
| pH ³ , standard units | --- | --- | 1/6 months | Grab |

¹ Required only for discharges which include food services wastewater or Laundromat wastewater.

² If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

³ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE D**

Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule D will apply to facilities which have been assigned the specific limitations listed in the final effluent limitations in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule D to address a 303(d) impairment without a finalized TMDL.

INTERIM EFFLUENT LIMITATIONS

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|--|-----------------------|-------------------|--------------------------|----------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW - GPD | N/A | REPORT | 1/6 months | Estimate |
| BOD ₅ / CBOD ₅ , mg/L ¹ | 30 | 45 | 1/6 months | Grab |
| TSS ² , mg/L | 30 | 45 | 1/6 months | Grab |
| Oil & Grease ³ , mg/L | N/A | 15 | 1/6 months | Grab |
| FECAL COLIFORM ⁴ , Colonies / 100 ml | 200 | 400 | 1/6 months | Grab |
| pH ⁵ , standard units | --- | --- | 1/6 months | Grab |

¹ CBOD₅ limitations are required when NH₃-N limitations are placed in the permit. BOD₅ limitations are required when NH₃-N limitations are not placed in the permit.

² If the treatment unit is an oxidation pond, the monthly average is 90 mg/l and the weekly average is 135 mg/l.

³ Required only for discharges which include food services wastewater or Laundromat wastewater.

⁴ If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

⁵ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE D (CONT.)****FINAL EFFLUENT LIMITATIONS**

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|--|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| FLOW - GPD | N/A | REPORT | 1/6 months | Estimate |
| BOD ₅ / CBOD ₅ ¹ , mg/L | 10 | 15 | 1/6 months | Grab |
| TSS, mg/L | 15 | 23 | 1/6 months | Grab |
| Oil & Grease ² , mg/L | N/A | 15 | 1/6 months | Grab |
| FECAL COLIFORM ³ , Colonies / 100 ml | 200 | 400 | 1/6 months | Grab |
| pH ⁴ , standard units | --- | --- | 1/6 months | Grab |

¹ CBOD₅ limitations are required when NH₃-N limitations are placed in the permit. BOD₅ limitations are required when NH₃-N limitations are not placed in the permit.

² Required only for discharges which include food services wastewater or Laundromat wastewater.

³ If the discharge is located in an oyster propagation area, fecal coliform limitations will be 14 colonies/100 mL monthly average and 43 colonies/100 mL weekly average. Appendix A states if the more stringent limitations apply.

⁴ The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units. The permittee shall report on the Discharge Monitoring Reports both the minimum and maximum instantaneous pH values measured.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SCHEDULE E¹

INTERIM EFFLUENT LIMITATIONS

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Ammonia-Nitrogen (NH ₃ -N), mg/L | Report | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|----------------|-------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Ammonia-Nitrogen (NH ₃ -N), mg/L | 5 | 10 | 1/6 months | Grab |

Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule E will apply to facilities which have been assigned NH₃-N limitations of 5 mg/l monthly average and 10 mg/l weekly average in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule E to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SCHEDULE F¹

INTERIM EFFLUENT LIMITATIONS

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|-------------------|--------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Ammonia-Nitrogen (NH ₃ -N), mg/L | Report | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|-------------------|--------------------------|-------------|
| | MONTHLY AVERAGE | WEEKLY AVERAGE | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Ammonia-Nitrogen (NH ₃ -N), mg/L | 4 | 8 | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule F will apply to facilities which have been assigned NH₃-N limitations of 4 mg/l monthly average and 8 mg/l weekly average in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule F to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE G¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|-----------------------|-----------------------|-------------------------|--|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE | |
| Dissolved Oxygen (DO) ² , mg/L | Report | 1/6 months | Grab | |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | | MONITORING REQUIREMENTS | |
|---|--|--|-------------------------|-------------|
| | DAILY MAXIMUM | | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Dissolved Oxygen (DO) ² , mg/L | See Appendix B. The Dissolved Oxygen parameter is set at the criteria from LAC 33:IX.1123. Table 3. The limitation shall be the corresponding concentration(s) associated with the subsegment number in Table 3. | | 1/6 months | Grab |

*This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule G will apply to facilities which have been assigned DO limitations at the State Water Quality Standard in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule G to address a 303(d) impairment without a finalized TMDL.

² This Dissolved Oxygen limit is the lowest allowable average of daily discharges over a calendar month. When monitoring is conducted, the Dissolved Oxygen shall be analyzed immediately, as per 40 CFR 136.3.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE H¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|-----------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Chlorides, mg/L | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|-----------------------------|--|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Chlorides, mg/L | See Appendix B. The chloride parameter is set at the criteria from LAC 33:IX.1123. Table 3. The limitation shall be the corresponding concentration(s) associated with the subsegment number in Table 3. | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule H will apply to facilities which have been assigned chloride limitations at the State Water Quality Standard in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule H to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE I¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|----------------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Sulfate (SO ₄), mg/L | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|----------------------------------|---|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Sulfate (SO ₄), mg/L | See Appendix B. The SO ₄ parameter is set at the criteria from LAC 33:IX.1123. Table 3. The limitation shall be the corresponding concentration(s) associated with the subsegment number in Table 3. | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule I will apply to facilities which have been assigned Sulfate limitations at the State Water Quality Standard in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule I to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; A1 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE J¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|---------------------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Total Dissolved Solids (TDS), mg/L | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|---------------------------------------|--|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Total Dissolved Solids (TDS), mg/L | See Appendix B. The TDS parameter is set at the criteria from LAC 33:IX.1123. Table 3. The limitation shall be the corresponding concentration(s) associated with the subsegment number in Table 3. | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule J will apply to facilities which have been assigned TDS limitations at the State Water Quality Standard in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule J to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE K¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|-----------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Turbidity, NTU | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|-----------------------------|--|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Turbidity, NTU | See Appendix C. The turbidity parameter is set at the criteria from LAC 33:IX.1113.B.9.i-vi. | 1/6 months | Grab |

¹ Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule K will apply to facilities which have been assigned turbidity limitations at the State Water Quality Standard in a finalized TMDL. This Office may, on a case-by-case basis, require monitoring under Schedule K to address a 303(d) impairment without a finalized TMDL.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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LAG530000; AI 97167PER20060001**EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS****SCHEDULE L¹****INTERIM EFFLUENT LIMITATIONS**

On a case-by case basis, this interim schedule may be granted to allow the facility to upgrade. The time-frame of the interim period shall be on a case-by-case basis for each individual facility not to exceed three years from the date of coverage. Please see Appendix A, which specifically states the time-frame of the interim schedule. See Part II, Section J, Interim Effluent Limitations.

During the period beginning with written notification of coverage under this permit and lasting through the date stated in Appendix A, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|----------------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Total Residual Chlorine, mg/l | Report | 1/6 months | Grab |

FINAL EFFLUENT LIMITATIONS

During the period beginning the date stated in Appendix A and lasting through the expiration date of the permit, the permittee is authorized to discharge treated sanitary wastewater and/or other accepted wastewater from the specified facility in accordance with the following limitations:

| EFFLUENT CHARACTERISTICS | DISCHARGE LIMITATIONS | MONITORING REQUIREMENTS | |
|----------------------------------|-----------------------|--------------------------|-------------|
| | DAILY MAXIMUM | MEASUREMENT FREQUENCY | SAMPLE TYPE |
| Total Residual Chlorine, mg/l | *** | 1/6 months | Grab |

***Prior to final disposal, the effluent shall contain NO MEASURABLE Total Residual Chlorine at any one time monitored by grab sample. Given the current constraints pertaining to chlorine analytical methods, NO MEASURABLE will be defined as less than 0.1 mg/l of chlorine. If any individual analytical test result is less than 0.1 mg/l, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.

Upon written notification of coverage under this permit, the permittee shall comply with the effluent limitations schedule(s) stated in Appendix A of this permit. Schedule L will apply to facilities which have been assigned TRC limitations. This Office may, on a case-by-case basis, require monitoring under Schedule L to address a 303(d) impairment without a finalized TMDL..

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001, at the point of discharge from the last treatment unit prior to mixing with other waters and, if applicable, any additional outfalls listed in Appendix A.

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PART II

OTHER REQUIREMENTS

The Permittee must comply with all applicable provisions of the Louisiana Water Quality Regulations including all of the standard conditions found in LAC 33:IX.2701. This Office has established the following definitions and requirements in accordance with those regulations. The definition of other terms may be found in the Louisiana Water Quality Regulations (LAC 33:IX.2313).

SECTION A. DEFINITIONS

1. Act: means Act 449 of the 1979 Louisiana Legislature which established Section 2001, et seq. of Title 30 of the Louisiana Revised Statutes of 1950 and any subsequent amendment to these Sections.
2. Biochemical oxygen demand (BOD₅): means the amount of oxygen required by bacteria during the decay of organic and nitrogenous material in sanitary sewage.
3. Daily Discharge: means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day. "Daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that sampling day.
4. Daily Maximum: discharge limitation means the highest allowable "daily discharge" during the calendar month.
5. Monthly Average: other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. The monthly average for fecal coliform bacteria is the geometric mean of the "daily discharges" over a calendar month.
6. Weekly Average: other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week. The weekly average for fecal coliform bacteria is the geometric mean of the "daily discharges" over a calendar week.
7. Facility: means a pollution source, or any public or private property or site and all contiguous land and structures, other appurtenances and improvements, where any activity is conducted which discharges or may result in the discharge of pollutants into waters of the State.

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OTHER REQUIREMENTS (cont.)

8. Fecal coliform: means a gram negative, non-spore forming, rod-shaped bacteria found in the intestinal tract of warm-blooded animals.
9. Maximum Expected Flow: means the rate of wastewater flow expected upon the completion of the planned facility or activity.
10. mg/L: means milligrams per liter; it is essentially equivalent to parts per million in dilute aqueous solutions.
11. Office: means the Office of Environmental Services within the Department of Environmental Quality.
12. Sanitary wastewater: means treated or untreated wastewaters which contain human metabolic and domestic wastes.
13. Standard Methods: means Standard Methods for the Examination of Water and Wastewater, American Public Health Association, Washington, DC.
14. Total suspended solids (TSS): means the amount of solid material suspended in water commonly expressed as a concentration in terms of mg/L.
15. Waters of the State: for purposes of the Louisiana Pollutant Discharge Elimination System, this includes all surface waters which are subject to the ebb and flow of the tide, lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, natural ponds, impoundments of waters within the state of Louisiana otherwise defined as "waters of the United States" in 40 CFR 122.2 and tributaries of all such waters. "Waters of the State" does not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the Clean Water Act, 33 U.S.C. 1251, et seq.

SECTION B. FACILITY CHANGES

The authorization to discharge in accordance with this general permit is terminated upon an increase in the discharge rate to 5,000 gallons per day or greater maximum expected flow. Prior to any such change in the discharge rate from a treatment unit covered by this general permit, the permittee must submit notification (Form WPS-G) to this Office and receive from this Office authorization to discharge at that increased rate.

PART II**Page 3 of 11****LAG530000; AI 97167****PER20060001****OTHER REQUIREMENTS (cont.)****SECTION C. COVERAGE UNDER SUBSEQUENT PERMITS**

Should this permit expire before it is reissued, this Office will administratively extend the permit to discharge to current permittees until such time that a new general permit is issued. Instructions for obtaining coverage under the reissued permit will be included in that permit.

SECTION D. TERMINATION OF AUTHORIZATION TO DISCHARGE

This Office reserves the right to revoke the authorization to discharge in accordance with this general permit as it applies to any person and/or require such person to apply for and obtain an individual permit if:

1. the covered source or activity is a significant contributor of pollution or creates other environmental problems;
2. the permittee is not in compliance with the terms and conditions of this general permit;
3. conditions or standards have changed so that the source or activity no longer qualifies for this general permit;
or
4. the discharge limitations contained in this permit are not in accordance with the Louisiana Water Quality Management Plan.

SECTION E. COMPLIANCE SCHEDULE

The permittee shall be in compliance with the effluent limitations and monitoring requirements specified herein on the date of authorization of coverage under this general permit. If a discharge is found to be in violation of specified limits, the permittee will be subject to enforcement action, including civil penalties, and may be required to obtain an individual permit.

SECTION F. PROPERTY RIGHTS

Authorization to discharge pursuant to the conditions of this permit does not relieve the permittee of any liability for damages to state waters or private property. For discharges to private land, this permit does not relieve the permittee from obtaining approval from the landowner for appropriate easements and rights of way.

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OTHER REQUIREMENTS (cont.)

SECTION G. REMOVED SUBSTANCES

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall be properly disposed of in compliance with applicable state laws, regulations and permit requirements and in a manner such as to prevent any pollutant from such materials from entering the waters of the State. The permittee may need to contact the Water Permits Division of the Office of Environmental Services for information on regulations and permits to dispose of this material.

SECTION H. SANITARY DISCHARGE

The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain water quality integrity and the designated uses of the receiving water bodies based upon water quality studies. These studies may indicate the need for more advanced wastewater treatment. Studies of similar discharges and receiving water bodies have resulted in monthly average effluent limitations of 5 mg/L CBOD₅ and 2 mg/L NH₃-N. Therefore, prior to upgrading or expanding any permitted sewage treatment method at the facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

Future water quality studies may indicate potential toxicity from the presence of residual chlorine in the treatment facility's effluent. Therefore, the permittee is hereby advised that a future Total Residual Chlorine Limitation may be required if chlorine is used as a method of disinfection. In many cases, this becomes a NO MEASURABLE Total Residual Chlorine Limitation. If such a limitation were imposed, the permittee would be required to apply for an individual permit.

SECTION I. OTHER DISCHARGES

This permit does not in any way authorize the permittee to discharge a pollutant not listed or quantified in the notice of intent or as otherwise authorized in the permit.

Any runoff leaving the site, other than the permitted outfalls, exceeding 50 mg/l Total Organic Carbon (TOC), 15 mg/l Oil and Grease, or having a pH less than 6.0 or greater than 9.0 standard units shall be a violation of this permit.

PART II**Page 5 of 11****LAG530000; AI 97167****PER20060001****OTHER REQUIREMENTS (cont.)****SECTION J. INTERIM EFFLUENT LIMITATIONS**

The interim limitations found in the various schedules are intended to provide facilities with a reasonable amount of time in which to achieve compliance with the final effluent limitations. **Under no circumstances will an eligible facility be allowed more than three years from the date of authorization of coverage under this general permit to attain compliance with the final effluent limitations. Facilities currently meeting the Final Effluent Limitations contained in this permit shall be required to continue to meet the Final Effluent Limitations unless otherwise instructed by this Office.**

If an interim schedule is granted for a schedule in this permit, you are required to submit to this Office annual progress reports on the status of improvements at your facility. The first of these annual reports must be received no later than six (6) months from the original date of notification of coverage under this general permit. Subsequent reports shall be submitted at one year intervals.

In the event that this general permit expires before a given eligible facility has completed its interim period, provisions will be made upon the renewal of this general permit to allow such facilities time, not to exceed a total of three years from the original authority of coverage, to achieve compliance with the final effluent limitations.

SECTION K. STATE WATER QUALITY STANDARDS

LAC 33:IX.1113 describes numerical and general criteria that apply to all discharges into waters of the State. Criteria are elements of the water quality which set limitations on the permissible amounts of a substance or other characteristics of state waters. The General Criteria, as described in the Louisiana Administrative Code, limit discharges to maintain aesthetics, color, turbidity, the biological and aquatic community integrity, and many other elements in the receiving water body. Any noncompliance with the General or Numerical Criteria is not authorized under this permit.

To comply with the requirements of LAC 33:IX.2317.A.9, this permit does not authorize a sanitary discharge at an operation which is classed as a new source or new discharge, as defined at LAC 33:IX.2313, if the discharge will cause or contribute to the violation of water quality standards. As with other LPDES general permits issued by LDEQ, an extensive eligibility review, based on the specialty NOI plus any additional clarifying information, including a site visit if needed, is required before authorization under the permit can be granted. Proposed discharges to receiving streams which are listed on the state's 303(d) list will be evaluated, based on the extensive information which must be provided in the application form to determine their potential to cause or contribute to a violation of water quality standards. Evaluations of proposed discharge characteristics including volume, frequency, and method of release, distance from receiving stream, receiving stream hydrology, plus any relevant factors, will be completed. New source or new sanitary discharges determined to have reasonable potential to cause or contribute to the violation of water quality standards will not be approved, unless the reasonable potential is removed by applying one or more of the additional schedule allowed for in this permit. Documentation to support the permitting determination will be included in the statement of basis which must be prepared prior to the authorization of any discharge under this permit.

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OTHER REQUIREMENTS (cont.)

SECTION L. PERMIT REOPENER CLAUSE

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2907, and 6509. The filing of a request for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. This Office reserves the right to reopen and modify this permit to conform to those standards necessary to maintain the water quality in order to support uses of the receiving water bodies. This Office reserves the right to remove a facility on a 303(d) listed stream/segment from coverage or require an application if a final TMDL requires more stringent conditions for a covered facility.

SECTION M. PERMIT CANCELLATION REQUIREMENTS

Should the permittee wish to cease the discharge activity and cancel this general permit, written notification must be forwarded to this Office. This notification must contain at a minimum the company name, facility name, general permit number, and description of the change in activities prompting the permittee's request for cancellation. A LPDES Request for Termination form can also be used. This form (form RFT) is located on the LDEQ website at www.deq.louisiana.gov.

SECTION N. MONITORING AND REPORTING REQUIREMENTS

1. All sampling and testing shall be conducted in accordance with 40 CFR Part 136.
2. Samples shall be taken at the point of discharge from the treatment unit and prior to mixing with the receiving water.
3. Provisions must be made during the installation of the treatment unit for obtaining a proper sample.
4. Proper sampling techniques shall be used to ensure that analytical results are representative of pollutants in the discharge.
5. The permittee shall at all times properly operate and maintain the facilities used to achieve compliance with the conditions of this permit.
6. 24-hour Oral Reporting: Daily Maximum Limitation Violations

Under the provisions of Part III, Section D.6.e.(3) of this permit, violations of daily maximum limitations for the following pollutants shall be reported orally to the Office of Environmental Compliance within 24 hours from the time the permittee became aware of the violation followed by a written report in five days.

Pollutants: None

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7. All monitoring records must be retained for a period of at least three (3) years from the date of the sample measurements. The permittee shall make available to this Office, upon request, copies of all monitoring data required by this permit.

Records of monitoring information shall include the following:

- a. date, exact place, and time of sampling or measuring;
 - b. individual(s) who performed the sampling or measurements;
 - c. date(s) and time(s) analysis were begun;
 - d. individual(s) who performed the analyses;
 - e. analytical techniques or methods used;
 - f. results of such analyses; and,
 - g. results of all Quality Control procedures.
8. Monitoring results must be reported on a Discharge Monitoring Report (DMR) form (EPA No. 3320-1 or an approved substitute). If there is a no discharge event at the monitored outfall(s) during the sampling period, write "No Discharge" in the upper right corner of the Discharge Monitoring Report.

Discharge Monitoring Report (DMR) forms shall be prepared and submitted for each outfall per the instructions and submission schedules below:

- A. For once per 6 months monitoring frequencies, one DMR form per six month period must be prepared and submitted semi-annually.
- B. For once per year monitoring frequencies, one DMR form per year must be submitted annually. Monitoring

Semiannual Submission Schedule

| <u>Monitoring Period</u> | <u>DMR Postmark Date</u> |
|--------------------------|--------------------------|
| January - June | July 28th |
| July - December | January 28 th |

Annual Submission Schedule

| <u>Monitoring Period</u> | <u>DMR Postmark Date</u> |
|--------------------------|--------------------------|
| January-December | January 28th |

If more than one sample is obtained during the prescribed Monitoring Period, the results are averaged and reported on the DMR. DMR General Instructions Number 5 defines "Average" as the arithmetic average (geometric average for bacterial parameters) of all sample measurements for each parameter obtained during the "Monitoring Period".

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OTHER REQUIREMENTS (cont.)

Copies of DMRs signed and certified as required by LAC 33:IX.2503.B, and all other reports required by this office shall be submitted to the Office of Environmental Compliance at the following address.

Enforcement Division
Office of Environmental Compliance
Department of Environmental Quality
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

SECTION O. ACCEPTANCE OF HAULED DOMESTIC SEPTAGE

Unless the permittee has properly notified the Department, the acceptance of hauled domestic septage as defined at LAC 33:IX.2313 is prohibited. If proper notification is provided to the Department of the acceptance of hauled domestic septage at the treatment facility, the following requirements shall apply to the facility.

A. Receipt of Hauled Domestic Septage

1. Definitions

- a. Domestic Septage – the liquid and solid material pumped from a septic tank, cesspool, portable toilet, Type III marine sanitation device, any similar domestic sewage treatment system, or a holding tank when the system is cleaned or maintained that receives only domestic sewage.
- b. Domestic Sewage – waste and wastewater from humans or household operations that are discharged to or otherwise enter a treatment works.
- c. Sewage Sludge – any solid, semi-solid or liquid residue removed during the treatment of municipal wastewater or domestic sewage including but not limited to, solids removed during primary, secondary, or advanced wastewater treatment, scum, septage, portable toilet pumpings, Type III marine sanitation device pumpings, and sewage sludge products. Sewage sludge does not include grit or screenings, or ash generated during the incineration of sewage sludge.
- d. Treatment Works Treating Domestic Sewage – a POTW or any other sewage sludge or wastewater treatment devices or systems, regardless of ownership (including federal facilities), used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated for the disposal of sewage sludge. This definition does not include septic tanks or similar devices. For purposes of this definition, domestic sewage includes waste and wastewater from humans or household operations that are discharged to or otherwise enter a treatment works.

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2. Treatment works utilizing treatment technology other than oxidation ponds for treatment of domestic sewage that receive hauled domestic septage may not accept greater than 3% of the effluent flow in hauled domestic septage daily, unless pretreatment of the septage is provided. Pretreatment of domestic septage may be accomplished by equalization, direct discharge into the digester, or other technology. The acceptance of hauled domestic septage into an oxidation pond is prohibited under this permit.
3. The introduction of any trucked or hauled pollutants is prohibited except at discharge points designated by the treatment works.
4. Any truck disposing of hauled domestic septage into the treatment works must be properly licensed by the State of Louisiana to haul domestic septage. The receipt of hauled domestic septage from an unauthorized/unlicensed hauler shall constitute a violation of this permit.
5. Reporting and record keeping requirements.

- a. Authorized Vehicles.

The treatment works shall maintain a list of all vehicles authorized to discharge into the treatment works. This shall include the make and model of the vehicle, the state of registration, the state vehicle license number and the tank volume, in gallons, for each vehicle authorized by the treatment works. This list shall be maintained by the treatment facility and shall be made available upon request by duly authorized regional inspectors and/or Department Headquarters representatives.

- b. Septage Hauler Manifest System

The permittee shall develop and implement a septage hauler manifest system. The manifest system shall be the primary mechanism by which the treatment facility will identify the quantity and quality of wastes being discharged into the treatment system. The manifest system also provides a means to ensure only authorized wastes are being introduced into the treatment system. The manifest system shall require the waste hauler to complete an entry for each load picked up. The manifest form shall include at minimum the following information

- i. Name, address and phone number of the hauler.
- ii. Hauler Vehicle license number.
- iii. Driver name.
- iv. Generator Information (where the septage was picked up from) including:
 1. Address of the generator.
 2. Name of generator (business name) if not an individual residence.
 3. Date the waste was pumped.
 4. Gallons pumped by the hauler.
 5. Size of tank pumped.

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OTHER REQUIREMENTS (cont.)

6. Type of waste pumped (septage, portable toilet, etc...).
- v. A statement to be signed by the hauler certifying:
 1. The manifest was prepared by him or under his direct supervision;
 2. The information contained in the manifest is to the best of his knowledge complete and true;
 3. The vehicle load contains only those wastes authorized by the treatment facility;
 4. The vehicle load does not contain hazardous wastes as defined at 40 CFR Part 261; and
 5. That the hauler is aware of penalties for submitting false information.

The certification shall be followed by the Printed Name, Signature and Date of Signature of the hauler.
- vi. Location of disposal of the wastes.
- vii. The treatment facility shall supply blank manifest forms to each hauler.
- viii. A copy of the completed, signed and dated manifest form shall be supplied to the hauler upon discharge of the wastes into the treatment system. Duplicate forms are permissible.

Manifests shall be maintained by the treatment facility and shall be made available upon request by duly authorized regional inspectors and/or Department Headquarters representatives. An example manifest form has been attached for your convenience.

c. Reporting to the Department.

An updated copy of the authorized vehicle list and copies of the manifests (or a report summarizing the required manifest information) shall be submitted annually to the Department no later than May 1st of each calendar year. This information will be utilized to provide QA/QC in the annual licensing of septage haulers. This information shall be submitted to:

Department of Environmental Quality
 Office of Environmental Compliance
 Enforcement Division
 Post Office Box 4312
 Baton Rouge, Louisiana 70821-4312
 Attention: Permit Compliance Unit

SECTION P. CONTRIBUTING INDUSTRIES AND PRETREATMENT REQUIREMENTS

This section is only applicable to Publicly Owned Treatment Works (POTWs)

- I. The following pollutants may not be introduced into the treatment facility:
 - a. Pollutants which create a fire or explosion hazard in the publicly owned treatment works (POTW), including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21;

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OTHER REQUIREMENTS (cont.)

- b. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the works are specifically designed to accommodate such discharges;
 - c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW, resulting in Interference;
 - d. Any pollutant, including oxygen demanding pollutants (e.g., BOD5), released in a discharge at a flow rate and/or pollutant concentration which will cause Interference with the POTW;
 - e. Heat in amounts which will inhibit biological activity in the POTW resulting in Interference but in no case heat in such quantities that the temperature at the POTW treatment plant exceeds 40 degrees Centigrade (104 degrees Fahrenheit) unless the Approval Authority, upon request of the POTW, approves alternate temperature limits;
 - f. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;
 - g. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and
 - h. Any trucked or hauled pollutants, except at discharge points designated by the POTW.
2. The permittee shall require any indirect discharger to the treatment works to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act, including any requirements established under LAC 33:IX.Subpart 2.Chapter 61.
3. The permittee shall provide adequate notice of the following:
- a. Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.
 - c. Any notice shall include information on (1) the quality and quantity of effluent to be introduced into the treatment works, and (2) any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.

PART III
STANDARD CONDITIONS FOR LPDES PERMITS

SECTION A. GENERAL CONDITIONS

1. Introduction

In accordance with the provisions of LAC 33:IX.2701, et seq., this permit incorporates either expressly or by reference ALL conditions and requirements applicable to Louisiana Pollutant Discharge Elimination System Permits (LPDES) set forth in the Louisiana Environmental Quality Act (LEQA), as amended, as well as ALL applicable regulations.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and the Louisiana Environmental Quality Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Penalties for Violation of Permit Conditions

a. LA. R. S. 30:2025 provides for civil penalties for violations of these regulations and the Louisiana Environmental Quality Act. LA. R. S. 30:2076.2 provides for criminal penalties for violation of any provisions of the LPDES or any order or any permit condition or limitation issued under or implementing any provisions of the LPDES program. (See Section E. Penalties for Violation of Permit Conditions for additional details).

b. Any person may be assessed an administrative penalty by the State Administrative Authority under LA. R. S. 30:2025 for violating a permit condition or limitation implementing any of the requirements of the LPDES program in a permit issued under the regulations or the Louisiana Environmental Quality Act.

4. Toxic Pollutants

a. Other effluent limitations and standards under Sections 301, 302, 303, 307, 318, and 405 of the Clean Water Act. If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, the state administrative authority shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the toxic effluent standard or prohibition.

b. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions, or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.

5. Duty to Reapply

a. Individual Permits. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The new application shall be submitted at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the state administrative authority. (The state administrative authority shall not grant permission for applications to be submitted later than the expiration date of the existing permit.) Continuation of expiring permits shall be governed by regulations promulgated at LAC 33:IX.2321 and any subsequent amendments.

- b. General Permits. General permits expire five years after the effective date. The 180-day reapplication period as defined above is not applicable to general permit authorizations. Reissued general permits may provide automatic coverage for permittees authorized under the previous version of the permit, and no new application is required. Requirements for obtaining authorization under the reissued general permit will be outlined in Part I of the new permit. Permittees authorized to discharge under an expiring general permit should follow the requirements for obtaining coverage under the new general permit to maintain discharge authorization.

6. Permit Action

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2905, 2907, 3105 and 6509. The causes may include, but are not limited to, the following:

- a. Noncompliance by the permittee with any condition of the permit;
- b. The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant facts at any time;
- c. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;
- d. A change in any condition that requires either a temporary or a permanent reduction or elimination of any discharge; or
- e. Failure to pay applicable fees under the provisions of LAC 33: IX. Chapter 13;
- f. Change of ownership or operational control;

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information

The permittee shall furnish to the state administrative authority, within a reasonable time, any information which the state administrative authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the state administrative authority, upon request, copies of records required to be kept by this permit.

9. Criminal and Civil Liability

Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of the permit, the Act, or applicable regulations, which avoids or effectively defeats the regulatory purpose of the Permit may subject the Permittee to criminal enforcement pursuant to La. R.S. 30:2025.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

12. Severability

If any provision of these rules and regulations, or the application thereof, is held to be invalid, the remaining provisions of these rules and regulations shall not be affected, so long as they can be given effect without the invalid provision. To this end, the provisions of these rules and regulations are declared to be severable.

13. Dilution

A permittee shall not achieve any effluent concentration by dilution unless specifically authorized in the permit. A permittee shall not increase the use of process water or cooling water or otherwise attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve permit limitations or water quality.

14. Facilities Requiring Approval from Other State Agencies

In accordance with La R.S.40.4(A)(6) the plans and specifications of all sanitary sewerage treatment systems, both public and private, must be approved by the Department of Health and Hospitals state health officer or his designee. It is unlawful for any person, firm, or corporation, both municipal and private to operate a sanitary sewage treatment facility without proper authorization from the state health officer.

In accordance with La R.S.40.1149, it is unlawful for any person, firm or corporation, both municipal and private, operating a sewerage system to operate that system unless the competency of the operator is duly certified by the Department of Health and Hospitals state health officer. Furthermore, it is unlawful for any person to perform the duties of an operator without being duly certified.

In accordance with La R.S.48.385, it is unlawful for any industrial wastes, sewage, septic tanks effluent, or any noxious or harmful matter, solid, liquid or gaseous to be discharged into the side or cross ditches or placed upon the rights-of-ways of state highways without the prior written consent of the Department of Transportation and Development chief engineer or his duly authorized representative and of the secretary of the Department of Health and Hospitals.

SECTION B. PROPER OPERATION AND MAINTENANCE**1. Need to Halt or Reduce not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

2. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

3. Proper Operation and Maintenance

a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

b. The permittee shall provide an adequate operating staff which is duly qualified to carry out operation, maintenance and other functions necessary to ensure compliance with the conditions of this permit.

4. Bypass of Treatment Facilities

- a. Bypass. The intentional diversion of waste streams from any portion of a treatment facility.
- b. Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Section B.4.c. and 4.d of these standard conditions.
- c. Notice
 - (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Office of Environmental Services, Water Permits Division, if possible at least ten days before the date of the bypass.
 - (2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in LAC 33:IX.2701.L.6, (24-hour notice) and Section D.6.e. of these standard conditions.
- d. Prohibition of bypass
 - (1) Bypass is prohibited, and the state administrative authority may take enforcement action against a permittee for bypass, unless:
 - (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,
 - (c) The permittee submitted notices as required by Section B.4.c of these standard conditions.
 - (2) The state administrative authority may approve an anticipated bypass after considering its adverse effects, if the state administrative authority determines that it will meet the three conditions listed in Section B.4.d(1) of these standard conditions.

5. Upset Conditions

- a. Upset. An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section B.5.c. are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated; and
 - (3) The permittee submitted notice of the upset as required by LAC 33:IX.2701.L.6.b ii. and Section D.6.e.(2) of these standard conditions; and

(4) The permittee complied with any remedial measures required by Section B.2 of these standard conditions.

d. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. Removed Substances

Solids, sewage sludges, filter backwash, or other pollutants removed in the course of treatment or wastewater control shall be properly disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the state and in accordance with environmental regulations.

7. Percent Removal

For publicly owned treatment works, the 30-day average percent removal for Biochemical Oxygen Demand and Total Suspended Solids shall not be less than 85 percent in accordance with LAC 33:IX.5905.A.3. and B.3.

SECTION C. MONITORING AND RECORDS

1. Inspection and Entry

The permittee shall allow the state administrative authority or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by the law to:

a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.

Enter upon the permittee's premises where a discharge source is or might be located or in which monitoring equipment or records required by a permit are kept for inspection or sampling purposes. Most inspections will be unannounced and should be allowed to begin immediately, but in no case shall begin more than thirty (30) minutes after the time the inspector presents his/her credentials and announces the purpose(s) of the inspection. Delay in excess of thirty (30) minutes shall constitute a violation of this permit. However, additional time can be granted if the inspector or the Administrative Authority determines that the circumstances warrant such action; and

b. Have access to and copy, at reasonable times, any records that the department or its authorized representative determines are necessary for the enforcement of this permit. For records maintained in either a central or private office that is open only during normal office hours and is closed at the time of inspection, the records shall be made available as soon as the office is open, but in no case later than the close of business the next working day;

c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Louisiana Environmental Quality Act, any substances or parameters at any location.

e. Sample Collection

(1) When the inspector announces that samples will be collected, the permittee will be given an additional thirty (30) minutes to prepare containers in order to collect duplicates. If the permittee cannot obtain and prepare sample containers within this time, he is considered to have waived his right to collect duplicate samples and the sampling will proceed immediately. Further delay on the part of the permittee in allowing initiation of the sampling will constitute a violation of this permit.

(2) At the discretion of the administrative authority, sample collection shall proceed immediately (without the additional 30 minutes described in Section C.1.a. above) and the inspector shall supply the permittee with a duplicate sample.

f. It shall be the responsibility of the permittee to ensure that a facility representative familiar with provisions of its wastewater discharge permit, including any other conditions or limitations, be available either by phone or in person at the facility during all hours of operation. The absence of such personnel on-site who are familiar with the permit shall not be grounds for delaying the initiation of an inspection except in situations as described in Section C.1.b. of these standard conditions. The permittee shall be responsible for providing witnesses/escorts during inspections. Inspectors shall abide by all company safety rules and shall be equipped with standard safety equipment (hard hat, safety shoes, safety glasses) normally required by industrial facilities.

g. Upon written request copies of field notes, drawings, etc., taken by department personnel during an inspection shall be provided to the permittee after the final inspection report has been completed.

2. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples shall be taken at the outfall location(s) indicated in the permit. The state administrative authority shall be notified prior to any changes in the outfall location(s). Any changes in the outfall location(s) may be subject to modification, revocation and reissuance in accordance with LAC 33 IX.2903.

3. Retention of Records

Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the state administrative authority at any time.

4. Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The time(s) analyses were begun;
- e. The individual(s) who performed the analyses;
- f. The analytical techniques or methods used;
- g. The results of such analyses; and
- h. The results of all quality control procedures.

5. Monitoring Procedures

- a. Monitoring results must be conducted according to test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, unless other test procedures have been specified in this permit.
- b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy of measurements and shall maintain appropriate records of such activities.
- c. The permittee or designated laboratory shall have an adequate analytical quality assurance/quality control program to produce defensible data of known precision and accuracy. All quality control measures shall be assessed and evaluated on an on-going basis and quality control acceptance criteria shall be used to determine the validity of the data. All method specific quality control as prescribed in the method shall be followed. If quality control requirements are not included in the method, the permittee or designated laboratory shall follow the quality control requirements as prescribed in the Approved Edition (40 CFR Part 136) Standard Methods for the Examination of Water and Wastes, Sections 1020A and 1020B. General sampling protocol shall follow guidelines established in the

"Handbook for Sampling and Sample Preservation of Water and Wastewater, 1982 "U.S. Environmental Protection Agency. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-83-124503.

6. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "A Guide to Methods and Standards for the Measurement of Water Flow, 1975," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number COM-75-10683.
- b. "Flow Measurement in Open Channels and Closed Conduits, Volumes 1 and 2," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Service (NTIS), Springfield, VA, 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-273 535.
- c. "NPDES Compliance Flow Measurement Manual," U.S. Environmental Protection Agency, Office of Water Enforcement. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-82-131178.

7. Prohibition for Tampering: Penalties

- a. LA R.S. 30:2025 provides for punishment of any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit.
- b. LA R.S. 30:2076.2 provides for penalties for any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non compliance.

8. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use and disposal, approved under 40 CFR Part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the state administrative authority.

9. Averaging of Measurements

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the state administrative authority in the permit.

10. Laboratory Accreditation

- a. LAC 33:I.Subpart 3, Chapters 45-59 provide requirements for an accreditation program specifically applicable to commercial laboratories, wherever located, that provide chemical analyses, analytical results, or other test data to the department, by contract or by agreement, and the data is:
 - (1) Submitted on behalf of any facility, as defined in R.S.30:2004;
 - (2) Required as part of any permit application;
 - (3) Required by order of the department;
 - (4) Required to be included on any monitoring reports submitted to the department;
 - (5) Required to be submitted by contractor
 - (6) Otherwise required by department regulations.

- b. The department laboratory accreditation program, Louisiana Environmental Laboratory Accreditation Program (LELAP) is designed to ensure the accuracy, precision, and reliability of the data generated, as well as the use of department-approved methodologies in generation of that data. Laboratory data generated by commercial environmental laboratories that are not (LELAP) accredited will not be accepted by the department. Retesting of analysis will be required by an accredited commercial laboratory.

Where retesting of effluent is not possible (i.e. data reported on DMRs for prior month's sampling), the data generated will be considered invalid and in violation of the LPDES permit.

- c. Regulations on the Louisiana Environmental Laboratory Accreditation Program and a list of labs that have applied for accreditation are available on the department website located under DIVISIONS → LABORATORY SERVICES at the following link:

<http://www.deq.louisiana.gov>

Questions concerning the program may be directed to (225) 219-9800.

SECTION D. REPORTING REQUIREMENTS

1. Facility Changes

The permittee shall give notice to the state administrative authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under LAC 33:IX.2703.A.1.
- c. For Municipal Permits. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Section 301, or 306 of the CWA if it were directly discharging those pollutants; and any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.

2. Anticipated Noncompliance

The permittee shall give advance notice to the state administrative authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

3. Transfers

This permit is not transferable to any person except after notice to the state administrative authority. The state administrative authority may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act or the Louisiana Environmental Quality Act. (See LAC 33:IX.2901; in some cases, modification or revocation and reissuance is mandatory.)

A permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued (under LAC 33:IX.2903.A.2 b), or a minor modification made (under LAC 33:IX.2905) to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act and the Louisiana Environmental Quality Act.

4. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified in Part I or Part II of this permit.

The permittee shall submit properly completed Discharge Monitoring Reports (DMRs) on the form specified in the permit. Preprinted DMRs are provided to majors/92-500's and other designated facilities. Please contact the Permit Compliance Unit concerning preprints. Self-generated DMRs must be pre-approved by the Permit Compliance Unit prior to submittal. Self-generated DMRs are approved on an individual basis. Requests for approval of self-generated DMRs should be submitted to:

Supervisor, Permit Compliance Unit
Office of Environmental Compliance
Post Office Box 4312
Baton Rouge, LA 70821-4312

Copies of blank DMR templates, plus instructions for completing them, and EPA's LPDES Reporting Handbook are available at the department website located at:

<http://www.deq.louisiana.gov/portal/Default.aspx?tabid=2276>

5. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

6. Requirements for Notification**a. Emergency Notification**

As required by LAC 33:I.3915, in the event of an unauthorized discharge that does cause an emergency condition, the discharger shall notify the hotline (DPS 24-hour Louisiana Emergency Hazardous Materials Hotline) by telephone at (225) 925-6595 (collect calls accepted 24 hours a day) immediately (a reasonable period of time after taking prompt measures to determine the nature, quantity, and potential off-site impact of a release, considering the exigency of the circumstances), but in no case later than one hour after learning of the discharge. (An emergency condition is any condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water, or air environment, or cause severe damage to property.) Notification required by this section will be made regardless of the amount of discharge. Prompt Notification Procedures are listed in Section D.6.c. of these standard conditions.

A written report shall be provided within seven calendar days after the notification. The report shall contain the information listed in Section D.6.d. of these standard conditions and any additional information in LAC 33:I.3925.B.

b. Prompt Notification

As required by LAC 33:I.3917, in the event of an unauthorized discharge that exceeds a reportable quantity specified in LAC 33:I.Subchapter E, but does not cause an emergency condition, the discharger shall promptly notify the department within 24 hours after learning of the discharge. Notification should be made to the Office of Environmental Compliance, Surveillance Division Single Point of Contact (SPOC) in accordance with LAC 33:I.3923.

In accordance with LAC 33:I.3923, prompt notification shall be provided within a time frame not to exceed 24 hours and shall be given to the Office of Environmental Compliance, Surveillance Division Single Point of Contact (SPOC) as follows:

- (1) by the Online Incident Reporting screens found at
<http://www3.deq.louisiana.gov/surveillance/irf/forms/>; or

- (2) by e-mail utilizing the Incident Report Form and instructions found at <http://www.deq.louisiana.gov/portal/Default.aspx?tabid=279>; or
 - (3) by telephone at (225) 219-3640 during office hours, or (225) 342-1234 after hours and on weekends and holidays.
- c. Content of Prompt Notifications. The following guidelines will be utilized as appropriate, based on the conditions and circumstances surrounding any unauthorized discharge, to provide relevant information regarding the nature of the discharge:
- (1) the name of the person making the notification and the telephone number where any return calls from response agencies can be placed;
 - (2) the name and location of the facility or site where the unauthorized discharge is imminent or has occurred, using common landmarks. In the event of an incident involving transport, include the name and address of the transporter and generator;
 - (3) the date and time the incident began and ended, or the estimated time of continuation if the discharge is continuing;
 - (4) the extent of any injuries and identification of any known personnel hazards that response agencies may face;
 - (5) the common or scientific chemical name, the U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all discharged pollutants;
 - (6) a brief description of the incident sufficient to allow response agencies to formulate their level and extent of response activity.
- d. Written Notification Procedures. Written reports for any unauthorized discharge that requires notification under Section D.6.a. or 6.b., or shall be submitted by the discharger to the Office of Environmental Compliance, Surveillance Division SPOC in accordance with LAC 33:IX.3925 within seven calendar days after the notification required by D.6.a. or 6.b., unless otherwise provided for in a valid permit or other department regulation. Written notification reports shall include, but not be limited to, the following information:
- (1) the name, address, telephone number, Agency Interest (AI) number (number assigned by the department) if applicable, and any other applicable identification numbers of the person, company, or other party who is filing the written report, and specific identification that the report is the written follow-up report required by this section;
 - (2) the time and date of prompt notification, the state official contacted when reporting, the name of person making that notification, and identification of the site or facility, vessel, transport vehicle, or storage area from which the unauthorized discharge occurred;
 - (3) date(s), time(s), and duration of the unauthorized discharge and, if not corrected, the anticipated time it is expected to continue;
 - (4) details of the circumstances (unauthorized discharge description and root cause) and events leading to any unauthorized discharge, including incidents of loss of sources of radiation, and if the release point is subject to a permit:
 - (a) the current permitted limit for the pollutant(s) released; and
 - (b) the permitted release point/outfall ID.
 - (5) the common or scientific chemical name of each specific pollutant that was released as the result of an unauthorized discharge, including the CAS number and U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all released pollutants (total amount of each compound expressed in pounds, including calculations);

- (6) a statement of the actual or probable fate or disposition of the pollutant or source of radiation and what off-site impact resulted;
- (7) remedial actions taken, or to be taken, to stop unauthorized discharges or to recover pollutants or sources of radiation.
- (8) Written notification reports shall be submitted to the Office of Environmental Compliance, Surveillance Division SPOC by mail or fax. The transmittal envelope and report or fax cover page and report should be clearly marked **"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT."**

Please see LAC 33:I.3925.B for additional written notification procedures.

e. Twenty-four Hour Reporting. The permittee shall report any noncompliance which may endanger human health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and; steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit (see LAC 33:IX.2701.M.3.b.);
- (2) Any upset which exceeds any effluent limitation in the permit;
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the state administrative authority in Part II of the permit to be reported within 24 hours (LAC 33:IX.2707.G.).

7. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Section D.4., 5., and 6., at the time monitoring reports are submitted. The reports shall contain the information listed in Section D.6.e.

8. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the state administrative authority, it shall promptly submit such facts or information.

9. Discharges of Toxic Substances

In addition to the reporting requirements under Section D.1-8, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Office of Environmental Services, Water Permits Division as soon as they know or have reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant:
 - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4 -dinitro-phenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC33:IX.2501.G.7; or
 - (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or
 - ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.

b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant:

i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- (1) Five hundred micrograms per liter (500 µg/L);
- (2) One milligram per liter (1 mg/L) for antimony;
- (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC 33:IX.2501.G.7; or
- (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or

ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.

10. Signatory Requirements

All applications, reports, or information submitted to the state administrative authority shall be signed and certified.

a. All permit applications shall be signed as follows.

(1) For a corporation - by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:

- (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or,
- (b) The manager of one or more manufacturing, production, or operating facilities, provided: the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

NOTE: DEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in Section D.10.a.(1)(a). The agency will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the state administrative authority to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under Section D.10.a.(1)(b) rather than to specific individuals.

(2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or

(3) For a municipality, state, federal, or other public agency - by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a federal agency includes:

- (a) The chief executive officer of the agency, or
- (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).

b. All reports required by permits and other information requested by the state administrative authority shall be signed by a person described in Section D.10.a., or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described in Section D.10.a. of these standard conditions;

- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, (a duly authorized representative may thus be either a named individual or an individual occupying a named position; and,
- (3) The written authorization is submitted to the state administrative authority.
- c. Changes to authorization. If an authorization under Section D.10.b. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section D.10.b. must be submitted to the state administrative authority prior to or together with any reports, information, or applications to be signed by an authorized representative.
- d. Certification. Any person signing a document under Section D.10. a. or b. above, shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

11. Availability of Reports

All recorded information (completed permit application forms, fact sheets, draft permits, or any public document) not classified as confidential information under R.S. 30:2030(A) and 30:2074(D) and designated as such in accordance with these regulations (LAC 33:IX.2323 and LAC 33:IX.6503) shall be made available to the public for inspection and copying during normal working hours in accordance with the Public Records Act, R.S. 44:1 et seq.

Claims of confidentiality for the following will be denied:

- a. The name and address of any permit applicant or permittee;
- b. Permit applications, permits, and effluent data.
- c. Information required by LPDES application forms provided by the state administrative authority under LAC 33:IX.2501 may not be claimed confidential. This includes information submitted on the forms themselves and any attachments used to supply information required by the forms.

SECTION E. PENALTIES FOR VIOLATIONS OF PERMIT CONDITION

1. Criminal

a. Negligent Violations

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who negligently violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any such provision in a permit issued under the LPDES by the secretary, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$50,000 per day of violation, or imprisonment of not more than two years, or both.

b. Knowing Violations

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any permit condition or limitation implementing any such provisions in a permit issued under the LPDES, or any requirement imposed in a pretreatment program approved under

the LPDES is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$100,000 per day of violation, or imprisonment of not more than six years, or both.

c. Knowing Endangerment

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any of such provisions in a permit issued under the LPDES by the secretary, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 years, or both. A person which is an organization shall, upon conviction of violating this Paragraph, be subject to a fine of not more than one million dollars. If a conviction of a person is for a violation committed after a first conviction of such person under this Paragraph, the maximum punishment shall be doubled with respect to both fine and imprisonment.

d. False Statements

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the LPDES or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the LPDES, shall, upon conviction, be subject to a fine of not more than \$10,000, or imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this Subsection, he shall be subject to a fine of not more than \$20,000 per day of violation, or imprisonment of not more than 4 years, or both.

2. Civil Penalties

The Louisiana Revised Statutes LA. R. S. 30:2025 provides that any person found to be in violation of any requirement of this Subtitle may be liable for a civil penalty, to be assessed by the secretary, an assistant secretary, or the court, of not more than the cost to the state of any response action made necessary by such violation which is not voluntarily paid by the violator, and a penalty of not more than \$32,500 for each day of violation. However, when any such violation is done intentionally, willfully, or knowingly, or results in a discharge or disposal which causes irreparable or severe damage to the environment or if the substance discharged is one which endangers human life or health, such person may be liable for an additional penalty of not more than one million dollars.

(PLEASE NOTE: These penalties are listed in their entirety in Subtitle II of Title 30 of the Louisiana Revised Statutes.)

SECTION F. DEFINITIONS

All definitions contained in Section 502 of the Clean Water Act shall apply to this permit and are incorporated herein by reference. Additional definitions of words or phrases used in this permit are as follows:

1. Clean Water Act (CWA) means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or the Federal Water Pollution Control Act Amendments of 1972) Pub.L. 92-500, as amended by Pub.L. 95-217, Pub.L. 95-576, Pub.L. 96-483 and Pub.L. 97-117, 33 U.S.C. 1251 et. seq.).
2. Accreditation means the formal recognition by the department of a laboratory's competence wherein specific tests or types of tests can be accurately and successfully performed in compliance with all minimum requirements set forth in the regulations regarding laboratory accreditation.
3. Administrator means the Administrator of the U.S. Environmental Protection Agency, or an authorized representative.

4. Applicable Standards and Limitations means all state, interstate and federal standards and limitations to which a discharge is subject under the Clean Water Act, including, effluent limitations, water quality standards of performance, toxic effluent standards or prohibitions, best management practices, and pretreatment standards under Sections 301, 302, 303, 304, 306, 307, 308 and 403.
5. Applicable water quality standards means all water quality standards to which a discharge is subject under the Clean Water Act.
6. Commercial Laboratory means any laboratory, wherever located, that performs analyses or tests for third parties for a fee or other compensation and provides chemical analyses, analytical results, or other test data to the department. The term commercial laboratory does not include laboratories accredited by the Louisiana Department of Health and Hospitals in accordance with R.S.49:1001 et seq.
7. Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day. Daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample.
8. Daily Maximum discharge limitation means the highest allowable "daily discharge".
9. Director means the U.S. Environmental Protection Agency Regional Administrator, or the state administrative authority, or an authorized representative.
10. Domestic septage means either liquid or solid material removed from a septic tank, cesspool, portable toilet, Type III marine sanitation device, or similar treatment works that receives only domestic sewage. Domestic septage does not include liquid or solid material removed from a septic tank, cesspool, or similar treatment works that receives either commercial wastewater or industrial wastewater and does not include grease removed from grease trap at a restaurant.
11. Domestic sewage means waste and wastewater from humans, or household operations that is discharged to or otherwise enters a treatment works.
12. Environmental Protection Agency or (EPA) means the U.S. Environmental Protection Agency.
13. Grab sample means an individual sample collected over a period of time not exceeding 15 minutes, unless more time is needed to collect an adequate sample, and is representative of the discharge.
14. Industrial user means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly owned treatment works.
15. LEQA means the Louisiana Environmental Quality Act.
16. Louisiana Pollutant Discharge Elimination System (LPDES) means those portions of the Louisiana Environmental Quality Act and the Louisiana Water Control Law and all regulations promulgated under their authority which are deemed equivalent to the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act in accordance with Section 402 of the Clean Water Act and all applicable federal regulations.

17. Monthly Average, other than for fecal coliform bacteria, discharge limitations are calculated as the sum of all "daily discharge(s)" measured during a calendar month divided by the number of "daily discharge(s)" measured during that month. When the permit establishes monthly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the monthly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar month where C = daily discharge concentration, F = daily flow and n = number of daily samples; monthly average discharge =

$$\frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes monthly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the monthly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar month.

The monthly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.

18. National Pollutant Discharge Elimination System (NPDES) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of the Clean Water Act.
19. Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
20. Sewage sludge means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes, but is not limited to, domestic septage; scum or solids removed in primary, secondary, or advanced wastewater treatment processes; portable toilet pumpings, type III marine sanitation device pumpings (33 CFR part 159); and a material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works.
21. Treatment works means any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage and industrial wastes of a liquid nature to implement Section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances, extension, improvement, remodeling, additions, and alterations thereof (See Part 212 of the Clean Water Act)
22. For fecal coliform bacteria, a sample consists of one effluent grab portion collected during a 24-hour period at peak loads.
23. The term MGD shall mean million gallons per day.
24. The term mg/L shall mean milligrams per liter or parts per million (ppm).
25. The term µg/L shall mean micrograms per liter or parts per billion (ppb).
26. The term ng/L shall mean nanograms per liter or parts per trillion (ppt).

27. Weekly average, other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the daily discharges over a calendar week, calculated as the sum of all "daily discharge(s)" measured during a calendar week divided by the number of "daily discharge(s)" measured during that week. When the permit establishes weekly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the weekly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar week where C = daily discharge concentration, F = daily flow and n = number of daily samples; weekly average discharge

$$= \frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes weekly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the weekly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar week.

The weekly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.

28. Sanitary Wastewater Term(s):

- a. 3-hour composite sample consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 3-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 3-hour period.
- b. 6-hour composite sample consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 6-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 6-hour period.
- c. 12-hour composite sample consists of 12 effluent portions collected no closer together than one hour over the 12-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 12-hour period. The daily sampling intervals shall include the highest flow periods.
- d. 24-hour composite sample consists of a minimum of 12 effluent portions collected at equal time intervals over the 24-hour period and combined proportional to flow or a sample continuously collected in proportion to flow over the 24-hour period.

APPENDIX B

The following table is from LAC 33:IX.1123. Table 3. This is a listing of all the subsegments with the designated uses and criteria for various parameters. If a limitation refers to this table, it is suggested that the permittee also refer to the LDEQ web site for any updates or changes to this table.

<http://www.deq.louisiana.gov>

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|---|---|-----------------|--------------------|-----------------|-----|---------|-----|----|-------|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; | | | | | | | | | |
| D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| Atchafalaya River Basin (01) | | | | | | | | | |
| 010101 | Atchafalaya River Headwaters and Floodplain--Old River Control Structure to Simmesport (Includes Old River Diversion Channel, Lower Red River, Lower Old River) | A B C | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010201 | Atchafalaya River Mainstem--Simmesport to Whiskey Bay Pilot Channel at mile 54 | A B C D | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010301 | West Atchafalaya Basin Floodway--Simmesport to Butte LaRose Bay and Henderson Lake | A B C | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010401 | East Atchafalaya Basin and Morganza Floodway South to I-10 Canal | A B C | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010501 | Lower Atchafalaya Basin Floodway--Whiskey Bay Pilot Channel at mile 54 to U.S. Hwy. 90 Bridge in Morgan City (includes Grand Lake and Six-Mile Lake) | A B C D | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010502 | Intracoastal Waterway (Morgan City-Port Allen Route)-Bayou Sorrel Lock to Morgan City | A B C | 65 | 70 | 5.0 | 6.5-8.5 | 1 | 33 | 440 |
| 010601 | Crow Bayou, Bayou Blue and Tributaries | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 010701 | Bayou Teche--Berwick to Wax Lake Outlet | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 010801 | Lower Atchafalaya River--U.S. Hwy. 90 Bridge in Morgan City to Atchafalaya Bay, includes Sweetwater Lake and Bayou Shaffer | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 35 | 1,000 |
| 010802 | Wax Lake Outlet-From U.S. Hwy. 90 Bridge to Atchafalaya Bay, includes Wax Lake | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 35 | 1,000 |
| 010803 | Intracoastal Waterway--Bayou Boeuf Lock to Bayou Sale | A B C | 65 | 70 | 5.0 | 6.0-8.5 | 1 | 32 | 440 |
| 010901 | Atchafalaya Bay and Delta and Gulf Waters to the State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |
| Barataria Basin (02) | | | | | | | | | |
| 020101 | Bayou Verret, Bayou Chevreuil, Bayou Citamou and Grand Bayou | A B C F | 65 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 430 |
| 020102 | Bayou Boeuf, Halpin Canal, and Theriot Canal | A B C F | 500 | 150 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 020103 | Lake Boeuf | A B C | 500 | 150 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 020201 | Bayou Des Allemands--Lac Des Allemands to Hwy. U.S. 90 (Scenic) | A B C G | 600 | 100 | 5.0 | 6.0-8.5 | 1 | 32 | 1,320 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|---|--|-----------------|--------------------|-----------------|-----|---------|-----|----|-----|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; | | | | | | | | | |
| D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 030101 | Calcasieu River-Headwaters to La. Hwy. 8 | A B C F | 65 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 225 |
| 030102 | Calcasieu River-La. Hwy. 8 to the Rapides-Allen Parish line (Scenic) | A B C F G | 65 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 225 |
| 030103 | Calcasieu River-Rapides-Allen Parish line to confluence with Marsh Bayou (Scenic) [10] | A B C F G- [10] | 65 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 225 |
| 030103-04075 | Kinder Ditch-Headwaters (unnamed tributary) to confluence with Calcasieu River | B C | 65 | 35 | 3.0 | 6.0-8.5 | 1 | 32 | 225 |
| 030104 | Mill Creek-Headwaters near Elizabeth to Calcasieu River | A B C | 60 | 60 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |
| 030201 | Calcasieu River-Confluence with Marsh Bayou to Saltwater Barrier (Scenic) [11] | A B C F G- [11] | 350 | 40 | [1] | 6.0-8.5 | 1 | 32 | 500 |
| 030301 | Calcasieu River and Ship Channel-Saltwater Barrier to Moss Lake (Estuarine) (Includes Coon Island and Clooney Island Loops) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030302 | Lake Charles | A B C | N/A | N/A | 5.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030303 | Prien Lake | A B C | N/A | N/A | 5.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030304 | Moss Lake (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030305 | Contraband Bayou (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030306 | Bayou Verdine (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030401 | Calcasieu River-Calcasieu Ship Channel Below Moss Lake to the Gulf of Mexico (Estuarine) (Includes Monkey Island Loop) | A B C E | N/A | N/A | 4.0 | 6.0-8.5 | 4 | 35 | N/A |
| 030402 | Calcasieu Lake | A B C E | N/A | N/A | 5.0 | 6.0-8.5 | 4 | 32 | N/A |
| 030403 | Black Lake (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 030501 | Whiskey Chitto Creek-Headwaters to southern boundary of Fort Polk Military Reservation | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030502 | Whiskey Chitto Creek-From the southern boundary of Fort Polk Military Reservation to its entrance into the Calcasieu River (Scenic) | A B C G | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030503 | East and West Forks of Six Mile Creek-Headwaters to the southern boundary of Fort Polk Military Reservation | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030504 | Six Mile Creek-Including the East and West Forks from the southern boundary of Fort Polk Military Reservation to its entrance into Whiskey Chitto Creek (Scenic) | A B C G | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030505 | Ten Mile Creek-Headwaters to its entrance into Whiskey Chitto Creek (Scenic) | A B C G | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030506 | Bundicks Creek-Headwaters to Bundicks Lake | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030507 | Bundicks Lake | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|---|--|-----------------|-----|-----------------|-----|---------|-----|----|-----|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; | | | | | | | | | |
| D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 030508 | Bundicks Creek-From Bundicks Lake to Whiskey Chitto Creek | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 030601 | Barnes Creek-Headwaters to entrance of Little Barnes Creek | B C | 60 | 60 | [2] | 6.0-8.5 | 2 | 30 | 150 |
| 030602 | Barnes Creek-From entrance of Little Barnes Creek to confluence with Calcasieu River | A B C | 60 | 60 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |
| 030603 | Marsh Bayou-Headwaters to Calcasieu River | A B C | 60 | 60 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |
| 030701 | Bayou Serpent | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 030702 | English Bayou-Headwaters to Calcasieu River | A B C F | 250 | 75 | [3] | 6.0-8.5 | 1 | 32 | 300 |
| 030801 | West Fork Calcasieu River-From confluence with Beckwith Creek and Hickory Branch to Calcasieu River | A B C F | 250 | 75 | [3] | 6.0-8.5 | 1 | 34 | 500 |
| 030802 | Hickory Branch-Headwaters to West Fork Calcasieu River | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 030803 | Beckwith Creek-Headwaters to West Fork Calcasieu River | A B C F | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 030804 | Little River-Headwaters to West Fork Calcasieu River | A B C | 250 | 75 | [3] | 6.0-8.5 | 1 | 34 | 500 |
| 030805 | Indian Bayou-Headwaters to West Fork Calcasieu River | A B C F | 250 | 75 | [3] | 6.0-8.5 | 1 | 34 | 500 |
| 030806 | Houston River-From junction with Bear Head Creek at Parish Road to West Fork Calcasieu River | A B C F | 250 | 75 | [3] | 6.0-8.5 | 1 | 32 | 500 |
| 030807 | Bear Head Creek-Headwaters to junction with Houston River at Parish Road | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 030901 | Bayou D'Inde-Headwaters to Calcasieu River (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-8.5 | 1 | 35 | N/A |
| 031001 | Bayou Choupique-Headwaters to Intracoastal Waterway (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 031002 | Intracoastal Waterway-West Calcasieu River Basin Boundary to Calcasieu Lock (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 031101 | Intracoastal Waterway-Calcasieu Lock to East Calcasieu River Basin Boundary | A B C | 250 | 75 | 5.0 | 6.5-9.0 | 1 | 32 | 500 |
| 031201 | Calcasieu River Basin-Coastal Bays and Gulf Waters to the State three mile limit | A B C E | N/A | N/A | 5.0 | 6.0-9.0 | 4 | 32 | N/A |
| Lake Pontchartrain Basin (04) | | | | | | | | | |
| 040101 | Comite River-From Little Comite Creek and Comite Creek at Mississippi State Line to Wilson-Clinton Hwy (East Feliciana Parish) | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040102 | Comite River-Wilson-Clinton Hwy to entrance of White Bayou (East Baton Rouge Parish) (Scenic) | A B C G | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040103 | Comite River-Entrance of White Bayou to Amite River | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040201 | Bayou Manchac-Headwaters to Amite River | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040301 | Amite River-Mississippi State Line to La Hwy. 37 (Scenic) | A B C G | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040302 | Amite River-La Hwy. 37 to Amite River Diversion Canal | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|---|-----------------|--------------------|-----------------|---------|---------|-----|------|-------|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 040303 | Amite River-Amite River Diversion Canal to Lake Maurepas | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040304 | Grays Creek-Headwaters to Amite River | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040305 | Colyell Creek System (includes Colyell Bay) | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040401 | Blind River-From Amite River Diversion Canal to mouth at Lake Maurepas (Scenic) | A B C G | 250 | 75 | 4.0 [9] | 6.0-8.5 | 1 | 30 | 500 |
| 040402 | Amite River Diversion Canal | A B C | 25 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 040403 | Blind River-Source to confluence with Amite River Diversion Canal (Scenic) | A B C G | 250 | 75 | 3.0 [9] | 6.0-8.5 | 1 | 30 | 500 |
| 040404 | New River-Headwaters to New River Canal | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 30 | 500 |
| 040501 | Tickfaw River-From Mississippi State Line to La. Hwy 42 (Scenic) | A B C G | 10 | 5 | 5.0 | 6.0-8.5 | 1 | 30 | 55 |
| 040502 | Tickfaw River-La. Hwy. 42 to Lake Maurepas | A B C | 10 | 5 | 5.0 | 6.0-8.5 | 1 | 30 | 55 |
| 040503 | Natalbany River-Headwaters to Tickfaw River | A B C | 30 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040504 | Yellow Water River-Origin to Ponchatoula Creek | A B C | 30 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040505 | Ponchatoula Creek and Ponchatoula River | A B C | 30 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040601 | Pass Manchac-Lake Maurepas to Lake Pontchartrain | A B C | 1,600 | 200 | 5.0 | 6.5-9.0 | 1 | 32 | 3,000 |
| 040602 | Lake Maurepas | A B C | 1,600 | 200 | 5.0 | 6.0-8.5 | 1 | 32 | 3,000 |
| 040603 | Selsers Creek-Origin to South Slough | A B C | 30 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040604 | South Slough-Includes Anderson Canal to I-55 borrow pit | A B C | 30 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040604-001 | South Slough Wetland-Forested freshwater and brackish marsh located 1.4 miles south of the City of Pontchatoula, directly east of I-55, extending to North Pass to the south and the Tangipahoa River to the east | B C | [23] | [23] | [23] | [23] | 2 | [23] | [23] |
| 040701 | Tangipahoa River-Mississippi State Line to I-12 (Scenic) | A B C G | 30 | 10 | 5.0 | 6.0-8.5 | 1 | 30 | 140 |
| 040702 | Tangipahoa River-From I-12 to Lake Pontchartrain | A B C | 30 | 10 | 5.0 | 6.0-8.5 | 1 | 30 | 140 |
| 040703 | Big Creek and Tributaries-Headwaters to confluence with Tangipahoa River | A B C | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 140 |
| 040704 | Chappeeela Creek-From La. Hwy. 1062 to its entrance into the Tangipahoa River | A B C G | 20 | 20 | 5.0 | 6.0-8.5 | 1 | 30 | 140 |
| 040801 | Tchefuncte River and Tributaries-Headwaters to confluence with Bogue Falaya River (Scenic) | A B C G | 20 | 10 | 5.0 | 6.0-8.5 | 1 | 30 | 110 |
| 040802 | Lower Tchefuncte River-From the Bogue Falaya River down to La. Hwy. 22, excluding any tributaries from the Bogue Falaya River south to La. Hwy. 22 (Scenic) | A B C G | 850 | 135 | 5.0 | 6.0-8.5 | 1 | 30 | 1,850 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|---|-----------------|------|-----------------|------|---------|-----|------|-------|
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| Code | Stream Description | Designated Uses | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 040803 | Lower Tchefuncte River-From La Hwy 22 to Lake Pontchartrain (Estuarine) | A B C | 850 | 135 | 4.0 | 6.0-8.5 | 1 | 30 | 1,850 |
| 040804 | Bogue Falaya River-Headwaters to Tchefuncte River (Scenic) [12] | A B C G- [12] | 20 | 10 | 5.0 | 6.0-8.5 | 1 | 30 | 110 |
| 040805 | Chinchuba Swamp Wetland - forested wetland located 0.87 miles southwest of the City of Mandeville, southeast of the Sanctuary Ridge, and north of Lake Pontchartrain | B C | [23] | [23] | [23] | [23] | 2 | [23] | [23] |
| 040806 | East Tchefuncte Marsh Wetland - fresh water and brackish marsh located just west of the City of Mandeville, bounded on the south by Lake Pontchartrain, the west by the Tchefuncte River, the north by Hwy. 22, and the east by the Sanctuary Ridge | B C | [23] | [23] | [23] | [23] | 2 | [23] | [23] |
| 040901 | Bayou LaCombe-Headwaters to U.S. 190 (Scenic) | A B C G | 30 | 30 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040902 | Bayou LaCombe-U.S. 190 to Lake Pontchartrain (Scenic) (Estuarine) | A B C G | 835 | 135 | 4.0 | 6.0-8.5 | 1 | 32 | 1,850 |
| 040903 | Bayou Cane-Headwaters to U.S. Hwy. 190 (Scenic) | A B C G | 30 | 30 | 5.0 | 6.0-8.5 | 1 | 30 | 150 |
| 040904 | Bayou Cane-U.S. Hwy. 190 to Lake Pontchartrain (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 040905 | Bayou Liberty-Headwaters to La Hwy. 433 | A B C | 250 | 100 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 040906 | Bayou Liberty-La Hwy. 433 to confluence with Bayou Bonfouca (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 040907 | Bayou Bonfouca-Headwaters to La Hwy. 433 | A B C | 250 | 100 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 040908 | Bayou Bonfouca-La Hwy. 433 to Lake Pontchartrain (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 040909 | W-14 Main Diversion Canal-from its origin in the north end of the City of Slidell to its junction with Salt Bayou | A B C [4] | N/A | N/A | [4] | 6.0-8.5 | 1 | 32 | N/A |
| 040910 | Salt Bayou-Headwaters to Lake Pontchartrain (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 040911 | Grand Lagoon-Grand Lagoon and Associated Canals (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 041001 | Lake Pontchartrain-West of Hwy. 11 Bridge (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 32 | N/A |
| 041002 | Lake Pontchartrain-East of Hwy. 11 Bridge (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 32 | N/A |
| 041101 | Bonnet Carré Spillway | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 30 | 500 |
| 041201 | Bayou Labranche-Headwaters to Lake Pontchartrain (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 041202 | Bayou Trepagnier-Norco to Bayou Labranche (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 041203 | Duncan Canal (Parish Line Canal)-From source at Kenner corporation limits to Lake Pontchartrain (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-8.5 | 1 | 32 | N/A |
| 041301 | Bayou St. John (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 041302 | Lake Pontchartrain Drainage Canals, Jefferson and Orleans Parishes (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |

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|--|---|-----------------|--------------------|-----------------|------|---------|-----|------|------|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 041401 | New Orleans East Leveed Waterbodies (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 041501 | Inner Harbor Navigation Canal-Mississippi River Lock to Lake Pontchartrain (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041601 | Intracoastal Waterway-Inner Harbor Navigation Canal to Chef Menteur Pass (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 041701 | Rigolets (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 32 | N/A |
| 041702 | Bayou Sauvage-New Orleans hurricane protection levee to Chef Menteur Pass and Chef Menteur Pass (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 32 | N/A |
| 041703 | Intracoastal Waterway-From Chef Menteur Pass to Mississippi State Line at Rigolets (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 32 | N/A |
| 041704 | Lake St. Catherine | A B C | N/A | N/A | 5.0 | 6.5-9.0 | 1 | 32 | N/A |
| 041801 | Bayou Bienvenue-Headwaters to Hurricane Gate at Mississippi River Gulf Outlet (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041802 | Bayou Chaperon-Origin to end (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041803 | Bashman Bayou-Origin to Bayou Dupre (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041804 | Bayou Dupre-Lake Borgne Canal to Terre Beau Bayou (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041805 | Lake Borgne Canal (Violet Canal)-Mississippi River siphon at Violet to Bayou Dupre (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041806 | Pirogue Bayou-Bayou Dupre to New Canal (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041807 | Terre Beau Bayou-Bayou Dupre to New Canal (Scenic) (Estuarine) | A B C G | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041808 | New Canal (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 041809 | Poydras-Verret Marsh Wetland-Forested and marsh wetland located 1.5 miles north of St. Bernard, Louisiana in St. Bernard Parish- south of Violet Canal, and northeast of Forty Arpent Canal | B C | [17] | [17] | [17] | [17] | 2 | [17] | [17] |
| 041901 | Mississippi River Gulf Outlet-Intracoastal Waterway to Breton Sound (mile 30) | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042001 | Lake Borgne | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042002 | Bayou Bienvenue-Bayou Villere to Lake Borgne (Scenic) (Estuarine) | A B C E G | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042003 | Bayou La Loutre-Mississippi River Gulf Outlet to Chandeaur Sound (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042004 | Bayou Bienvenue-Mississippi River Gulf Outlet to Bayou Villere (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042101 | Bayou Terre Aux Boeufs (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042102 | River Aux Chenes (Oak River) (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |

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|--|--|-----------------|--------------------|-----------------|------|---------|-----|----|-----|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 042103 | Bayou Gentilly-From Bayou Terre Aux Boeufs to Lake Petite (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042104 | Lake Petit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042105 | Lake Lery | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042201 | Chandeleur Sound | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042202 | California Bay, Breton Sound | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042203 | Bay Boudreau | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042204 | Drum Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042205 | Morgan Harbor | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042206 | Eloi Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042207 | Lake Lafortuna | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042208 | Bay Gardene, Black Bay, Lost Bayou, American Bay, and Bay Crabe | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 042209 | Lake Pontchartrain Basin Coastal Bays and Gulf Waters to State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |
| Mermentau River Basin (05) | | | | | | | | | |
| 050101 | Bayou Des Cannes-Headwaters to Mermentau River | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050102 | Bayou Joe Marcel-Headwaters to Bayou Des Cannes | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050103 | Bayou Mallet-Headwaters to Bayou Des Cannes | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050201 | Bayou Plaquemine Brule-Headwaters to Bayou Des Cannes | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050301 | Bayou Nezpique-Headwaters to Mermentau River | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050302 | Beaver Creek-Headwaters to confluence with Boggy Creek | B C | 90 | 30 | [2] | 6.0-8.5 | 2 | 32 | 260 |
| 050303 | Castor Creek-Headwaters to confluence with Bayou Nezpique | A B C | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050304 | Bayou Bluc-Headwaters to confluence with Bayou Nezpique | A B C | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050401 | Mermentau River-Origin to Lake Arthur | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050402 | Lake Arthur and Lower Mermentau River to Grand Lake | A B C | 90 | 30 | 5.0 | 6.0-8.5 | 1 | 32 | 260 |
| 050501 | Bayou Queue de Tortue-Headwaters to Mermentau River | A B C F | 90 | 30 | [16] | 6.0-8.5 | 1 | 32 | 260 |
| 050601 | Lacassine Bayou-Headwaters to Grand Lake | A B C F | 90 | 10 | [16] | 6.0-8.5 | 1 | 32 | 400 |
| 050602 | Intracoastal Waterway-From the Calcasieu River Basin Boundary to the Mermentau River | A B C F | 250 | 75 | 5.0 | 6.5-9.0 | 1 | 32 | 500 |
| 050603 | Bayou Chene-Includes Bayou Grand Marais | A B C F | 90 | 10 | 5.0 | 6.5-9.0 | 1 | 32 | 400 |
| 050701 | Grand Lake | A B C F | 250 | 75 | 5.0 | 6.5-9.0 | 1 | 32 | 500 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|--------------------|-----------------|------|---------|-----|----|-----|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 050702 | Intracoastal Waterway-Mermentau River to Vermilion Locks | A B C F | 250 | 75 | 5.0 | 6.0-9.0 | 1 | 32 | 500 |
| 050703 | White Lake | A B C F | 250 | 75 | 5.0 | 6.5-9.0 | 1 | 32 | 500 |
| 050801 | Mermentau River-Catfish Point Control Structure to Gulf of Mexico (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 050802 | Big Constance Lake and Associated Waterbodies (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 050901 | Mermentau River Basin Coastal Bays and Gulf Waters to the State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |
| Vermilion-Teche River Basin (06) | | | | | | | | | |
| 060101 | Spring Creek-Headwaters to Cocodrie Lake (Scenic) | A B C G | 10 | 5 | 5.0 | 6.0-8.5 | 1 | 30 | 100 |
| 060102 | Cocodrie Lake | A B C | 10 | 5 | [19] | 6.0-8.5 | 1 | 32 | 100 |
| 060201 | Bayou Cocodrie-From U.S. Hwy. 167 to the Bayou Boeuf-Cocodrie Diversion Canal (Scenic) | A B C G | 45 | 35 | [19] | 6.0-8.5 | 1 | 32 | 100 |
| 060202 | Bayou Cocodrie-From Cocodrie Diversion Canal to intersection with Bayou Boeuf | A B C | 45 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 060203 | Chicot Lake | A B C | 90 | 30 | 5.0 | 6.0-8.5 | 1 | 32 | 260 |
| 060204 | Bayou Courtableau-Origin to West Atchafalaya Borrow Pit Canal | A B C | 65 | 70 | [22] | 6.0-8.5 | 1 | 32 | 440 |
| 060206 | Indian Creek and Indian Creek Reservoir | A B C D | 10 | 5 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 060207 | Bayou des Glaisses Diversion Channel/West Atchafalaya Borrow Pit Canal-From Bayou des Glaisses to Bayou Courtableau | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 060208 | Bayou Boeuf-Headwaters to Bayou Courtableau | A B C | 45 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 060209 | Irish Ditch/Big Bayou-Unnamed Ditch to Irish Ditch (Ditch No. 1) to Big Bayou to Irish Ditch No. 2 to Confluence with Bayou Rapides | B C | 45 | 35 | [2] | 6.0-8.5 | 2 | 32 | 100 |
| 060210 | Bayou Carron | A B C | 40 | 30 | 5.0 | 6.0-8.5 | 1 | 32 | 220 |
| 060211 | West Atchafalaya Borrow Pit Canal-From Bayou Courtableau to Henderson, La., includes Bayou Portage | A B C | 65 | 70 | 5.0 | 6.0-8.5 | 1 | 32 | 440 |
| 060212 | Challin Lake Canal and Bayou DuLac-From Alexandria, La., to Bayou des Glaisses Diversion Canal (includes 0602 segment of Bayou Des Glaisses) | A B C | 45 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 060301 | Bayou Teche-Headwaters at Bayou Courtableau to Keystone Locks and Dam | A B C | 65 | 70 | 5.0 | 6.0-8.5 | 1 | 32 | 440 |
| 060401 | Bayou Teche-Keystone Locks and Dam to Charenton Canal | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 060501 | Bayou Teche-Charenton Canal to Wax Lake Outlet | A B C D | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 060601 | Charenton Canal-From Charenton Floodgate to Intracoastal Waterway, includes Bayou Teche from Charenton to Baldwin | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|---|-----------------|--------------------|-----------------|------|---------|------|------|------|
| A-Primary Contact Recreation, B-Secondary Contact Recreation, C-Fish And Wildlife Propagation, L-Limited Aquatic Life and Wildlife Use, D-Drinking Water Supply, E-Oyster Propagation, F-Agriculture, G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 060701 | Tete Bayou | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 060702 | Lake Fausse Point and Dauterive Lake | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 060703 | Bayou Du Portage | A B C | 80 | 50 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 060801 | Vermilion River-Headwaters at Bayou Fusilier-Bourbeaux junction to New Flanders (Ambassador Caffery) Bridge, Hwy 3073 | A B C F | 230 | 70 | 5.0 | 6.0-8.5 | 1 | 32 | 440 |
| 060801-001 | Cote Gelee Wetland-Forested wetland located in Lafayette Parish, 2 miles east of Broussard, 2 miles northeast of U.S. Hwy 90, and west of Bayou Tortue | B C | [23] | [23] | [23] | [23] | 2 | [23] | [23] |
| 060802 | Vermilion River-From New Flanders (Ambassador Caffery) Bridge, Hwy. 3073, to Intracoastal Waterway | A B C F | 230 | 70 | [6] | 6.0-8.5 | 1 | 32 | 440 |
| 060803 | Vermilion River Cutoff-From Intracoastal Waterway to Vermilion Bay (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060804 | Intracoastal Waterway-Vermilion Lock to Levee at Segment 0611 and 0608 boundary (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060805 | Breaux Bridge Swamp (Cypriere Perdue Swamp)-Forested wetland in St. Martin Parish, 0.5 mile (0.8 km) southwest of Breaux Bridge, La., southeast of La Hwy 94, west of Bayou Teche, east of the Vermilion River, and north of the Evangeline and Ruth Canals | B C | [5] | [5] | [5] | [5] | 2 | [5] | [5] |
| 060806 | Cypress Island Coulee Wetland-Forested wetland located in St. Martin Parish, 2 miles west of St. Martinville, 0.5 mile north of La Hwy 96, west of Bayou Teche and east of the Vermilion River | B C | [23] | [23] | [23] | [23] | 2 | [23] | [23] |
| 060901 | Bayou Petite Anse-Headwaters to Bayou Carlin (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060902 | Bayou Carlin (Delcambre Canal)-Lake Peigneur to Bayou Petite Anse (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060903 | Bayou Tigre-Headwaters to Bayou Petite Anse (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060904 | New Iberia Southern Drainage Canal-Origin to Weeks Bay, including Rodere Canal, Commercial Canal, and Port Canal (Estuarine) | A B L [24] | N/A | N/A | [24] | 6.5-9.0 | [24] | 35 | N/A |
| 060906 | Intracoastal Waterway-New Iberia Southern Drainage Canal to Bayou Sale (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060907 | Franklin Canal | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 35 | 500 |
| 060908 | Spanish Lake | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 060909 | Lake Peigneur | A B C | N/A | N/A | 5.0 | 6.5-9.0 | 1 | 35 | N/A |
| 060910 | Boston Canal and Associated Canals (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|--------------------|-----------------|-----|---------|-----|--------|-----|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 060911 | Dugas Canal by Tiger Lagoon Oil and Gas Field (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 061001 | West Cote Blanche Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 061002 | East Cote Blanche Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 061101 | Bayou Petite Anse-Bayou Carlin at Fresh-brackish marsh boundary to Vermilion Bay (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 061102 | Intracoastal Waterway-Levee at Segment 0611 and 0609 boundary to New Iberia Southern Drainage Canal (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 061103 | Freshwater Bayou Canal-From Intracoastal Canal to Control Structure (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 35 | N/A |
| 061104 | Vermilion Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 061105 | Marsh Island (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 061201 | Vermilion-Teche River Basin-Coastal Bays and Gulf Waters to State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.0-9.0 | 4 | 32 | N/A |
| Mississippi River Basin (07) | | | | | | | | | |
| 070101 | Mississippi River-From Arkansas State Line to Old River Control Structure | A B C | 75 | 120 | 5.0 | 6.0-9.0 | 1 | 32 | 400 |
| 070102 | Gassoway Lake | A B C | 75 | 120 | 5.0 | 6.0-8.5 | 1 | 32 | 400 |
| 070103 | Marengo Bend (Old River Near Vidalia) | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 070201 | Mississippi River-From Old River Control Structure to Monte Sano Bayou | A B C D | 75 | 120 | 5.0 | 6.0-9.0 | 1 | 32 | 400 |
| 070202 | Old River Lake or Raccourci Lake | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 070203 | Devil's Swamp Lake and Bayou Baton Rouge | A B C | 75 | 120 | 5.0 | 6.0-8.5 | 1 | 32 | 400 |
| 070301 | Mississippi River-From Monte Sano Bayou to Head of Passes | A B C D | 75 | 120 | 5.0 | 6.0-9.0 | 1 | 32 | 400 |
| 070401 | Mississippi River Passes-Head of Passes to Mouth of Passes (Estuarine) (Includes Southwest, South, North Passes and Pass a Loutre) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 070402 | Baptiste Collette Bayou (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 070403 | Octave Pass and Main Pass (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 070404 | Tiger Pass, Red Pass, Grand Pass, Tante Phine Pass (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 070501 | Bayou Sara-Mississippi State Line to Mississippi River Confluence | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 070502 | Thompson Creek-Mississippi State Line to Mississippi River Confluence | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 070503 | Capitol Lake | A B C | 75 | 120 | 5.0 | 6.0-8.5 | 1 | 32 | 400 |
| 070504 | Monte Sano Bayou-From U.S. Hwy. 61 to the Mississippi River confluence [7], [8] | B L | [7] | [7] | 3.0 | 6.0-9.0 | 1 | 35 [8] | [7] |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|---|-----------------|--------------------|-----------------|------|---------|-----|----|-----|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 070505 | Tunica Bayou-Headwaters to Mississippi River | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 070601 | Mississippi River Basin Coastal Bays and Gulf Waters to the State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |
| Ouachita River Basin (08) | | | | | | | | | |
| 080101 | Ouachita River-Arkansas State Line to Columbia Lock and Dam | A B C D | 160 | 35 | [15] | 6.0-8.5 | 1 | 33 | 350 |
| 080102 | Bayou Chauvin-Headwaters to the Ouachita River | A B C | 160 | 35 | 5.0 | 6.0-8.5 | 1 | 33 | 350 |
| 080201 | Ouachita River-Columbia Lock and Dam to Jonesville | A B C | 160 | 50 | 5.0 | 6.0-8.5 | 1 | 33 | 400 |
| 080202 | Bayou Louis-Headwaters to Ouachita River | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080203 | Lake Louis | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080301 | Black River-Jonesville to Corps of Engineers Control Structure (at Mile 25, Serena) | A B C | 95 | 20 | 5.0 | 6.0-8.5 | 1 | 32 | 265 |
| 080302 | Black River-Corps of Engineers Control Structure to Red River | A B C | 95 | 20 | 5.0 | 6.0-8.5 | 1 | 32 | 265 |
| 080401 | Bayou Bartholomew-Arkansas State Line to Dead Bayou (Lake Bartholomew) (Scenic) | A B C G | 55 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 420 |
| 080402 | Bayou Bartholomew-Dead Bayou (Lake Bartholomew) to Ouachita River | A B C | 55 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 420 |
| 080501 | Bayou de L'Oure-Arkansas State Line to Ouachita River (Scenic) | A B C G | 250 | 45 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 080601 | Bayou D'Arbonne-Headwaters to Lake Claiborne | A B C D | 50 | 15 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 080602 | Lake Claiborne | A B C D | 50 | 15 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 080603 | Bayou D'Arbonne-From Lake Claiborne to Bayou D'Arbonne Lake | A B C | 50 | 15 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 080604 | Bayou D'Arbonne Lake | A B C | 50 | 15 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 080605 | Bayou D'Arbonne-From Bayou D'Arbonne Lake to Ouachita River (Scenic) | A B C G | 50 | 15 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 080606 | Cypress Creek-Headwaters to Bayou D'Arbonne (includes Colvin Creek) | A B C | 65 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 160 |
| 080607 | Comey Bayou-From Arkansas State Line to Comey Lake (Scenic) | A B C G | 160 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 080608 | Comey Lake | A B C | 160 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 080609 | Comey Bayou-From Comey Lake to Bayou D'Arbonne Lake (Scenic) | A B C G | 160 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 080610 | Middle Fork of Bayou D'Arbonne-From origin to Bayou D'Arbonne Lake (Scenic) | A B C G | 50 | 15 | [20] | 6.0-8.5 | 1 | 32 | 200 |
| 080701 | Bayou Desiard (Oxbow Lake) and Lake Bartholomew (Dead Bayou) | A B C D | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 080801 | Cheniere Creek | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 080802 | Cheniere Brake Lake | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|--------------------|-----------------|------|---------|-----|----|-------|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 080901 | Boeuf River—Arkansas State Line to Ouachita River | A B C | 105 | 45 | 5.0 | 6.0-8.5 | 1 | 32 | 430 |
| 080902 | Bayou Bonne Idee—Headwaters to Boeuf River | A B C | 20 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 180 |
| 080903 | Big Creek—Headwaters to Boeuf River (including Big Colewa Bayou) | A B C | 230 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 635 |
| 080904 | Bayou Lafourche—Near Oakridge to Boeuf River near Columbia | A B C | 500 | 200 | 5.0 | 6.0-8.5 | 1 | 32 | 1,500 |
| 080905 | Turkey Creek Headwaters to Turkey Creek Cutoff and Turkey Creek Cutoff to Big Creek including Glade Slough | B C | 250 | 75 | [2] | 6.0-8.5 | 2 | 32 | 500 |
| 080906 | Turkey Creek—From Turkey Creek Cutoff to Turkey Creek Lake | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080907 | Turkey Creek Lake and Turkey Creek outfall to Boeuf River | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080908 | Lake LaFourche | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080909 | Crew Lake | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080910 | Clear Lake | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080911 | Woolen Lake | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 080912 | Tisdale Brake/Staulkinghead Creek—From origin to Little Bayou Boeuf | B L | 500 | 200 | [13] | 6.0-8.5 | 2 | 32 | 1,500 |
| 081001 | Bayou Macon—Arkansas State Line to Tensas River | A B C | 50 | 55 | 5.0 | 6.0-8.5 | 1 | 32 | 380 |
| 081002 | Joe's Bayou—Headwaters to Bayou Macon | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 081003 | Deer Creek—Headwaters to confluence with Boeuf River | B L | 105 | 45 | [13] | 6.0-8.5 | 2 | 32 | 430 |
| 081101 | Lake Providence (Oxbow Lake) | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 081201 | Tensas River—Headwaters to Jonesville (including Tensas Bayou) | A B C | 45 | 30 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 081202 | Lake St. Joseph (Oxbow Lake) | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 081203 | Lake Bruin (Oxbow Lake) | A B C D | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 081301 | Little River—Archie Dam to Ouachita River | A B C | 95 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 265 |
| 081401 | Dugdemona River—Headwaters to junction with Big Creek | A B C | 250 | 750 | [14] | 6.0-8.5 | 1 | 32 | 2,000 |
| 081402 | Dugdemona River—From Big Creek to Little River | A B C | 250 | 750 | 5.0 | 6.0-8.5 | 1 | 32 | 2,000 |
| 081501 | Castor Creek—Headwaters to Little River | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 081502 | Chatham Lake | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 081503 | Beaucoup Creek—Headwaters to Castor Creek | A B C | 25 | 25 | [21] | 6.0-8.5 | 1 | 32 | 100 |
| 081504 | Flat Creek—Headwaters to Castor Creek | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 081505 | Caney Lake | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 100 |
| 081601 | Little River—Confluence of Castor Creek and Dugdemona River to Junction with Bear Creek (Scenic) | A B C G | 250 | 500 | 5.0 | 6.0-8.5 | 1 | 33 | 1,000 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|---|-----------------|--------------------|-----------------|-----|---------|-----|----|-----|
| A-Primary Contact Recreation, B-Secondary Contact Recreation, C-Fish And Wildlife Propagation, L-Limited Aquatic Life and Wildlife Use, D-Drinking Water Supply, E-Oyster Propagation, F-Agriculture, G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 081602 | Little River-From Bear Creek to Catahoula Lake (Scenic) | A B C G | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081603 | Catahoula Lake | A B C | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081604 | Catahoula Lake Diversion Canal-Catahoula Lake to Black River | A B C | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081605 | Little River-From Catahoula Lake to Dam at Archie | A B C | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081606 | Fish Creek-Headwaters to Little River (Scenic) | A B C G | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081607 | Trout Creek-Headwaters to Little River (Scenic) | A B C G | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081608 | Big Creek-Headwaters to Little River (Scenic) | A B C D G | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081609 | Hemphill Creek-Headwaters to Catahoula Lake (includes Hair Creek) | A B C | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| 081610 | Old River-Catahoula Lake to Little River | A B C | 250 | 75 | 5.0 | 6.0-8.5 | I | 32 | 500 |
| 081611 | Bayou Funny Louis-Headwaters to Little River | A B C | 50 | 75 | 5.0 | 6.0-8.5 | I | 33 | 260 |
| Pearl River Basin (09) | | | | | | | | | |
| 090101 | Pearl River-Mississippi State Line to Pearl River Navigation Canal | A B C | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090102 | East Pearl River-From confluence with Holmes Bayou to I-10 | A B C | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090103 | East Pearl River-From I-10 to Lake Borgne (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | I | 35 | N/A |
| 090104 | Peters Creek-Headwaters to Pearl River | A B C | 20 | 30 | 5.0 | 6.0-8.5 | I | 30 | 150 |
| 090105 | Pearl River Navigation Canal-From Pools Bluff to Lock No. 3 | A B C | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090106 | Holmes Bayou-From the Pearl River to the West Pearl River (Scenic) | A B C G | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090107 | Pearl River-From Pearl River Navigation Canal to Holmes Bayou | A B C | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090201 | West Pearl River-From Headwaters to confluence with Holmes Bayou (Scenic) | A B C G | 20 | 15 | 5.0 | 6.0-8.5 | I | 32 | 180 |
| 090202 | West Pearl River-From confluence with Holmes Bayou to the Rigolets (includes east and west mouths) (Scenic) | A B C G | 90 | 20 | 5.0 | 6.0-8.5 | I | 32 | 235 |
| 090202-5126 | Morgan River-From Porters River to its confluence with West Pearl River (Scenic) | A B C G | 90 | 20 | 5.0 | 6.0-8.5 | I | 32 | 235 |
| 090203 | Lower Bogue Chitto-From Pearl River Navigation Canal to Wilsons Slough | A B C | 15 | 10 | 5.0 | 6.0-8.5 | I | 32 | 105 |
| 090204 | Pearl River Navigation Canal below Lock No. 3 | A B C | 15 | 10 | 5.0 | 6.0-8.5 | I | 32 | 105 |
| 090205 | Wilson Slough-All of that portion of the slough (bayou) lying within the boundaries of St. Tammany Parish (Scenic) | A B C G | 15 | 10 | 5.0 | 6.0-8.5 | I | 32 | 105 |
| 090206 | Bradley Slough-All of that portion of the slough (bayou) lying within the boundaries of St. Tammany Parish (Scenic) | A B C G | 15 | 10 | 5.0 | 6.0-8.5 | I | 32 | 105 |
| 090207 | Middle Pearl River and West Middle Pearl River-From West Pearl to Little Lake | A B C | 90 | 20 | 5.0 | 6.0-8.5 | I | 32 | 235 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|--------------------|-----------------|------|---------|-----|----|-----|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 090207-5112 | Morgan Bayou-Headwaters near I-10 to confluence with Middle River | A B C | 90 | 20 | 5.0 | 6.0-8.5 | 1 | 32 | 235 |
| 090208 | Little Lake (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 090301 | Pushepatapa Creek-Headwaters and tributaries from the Mississippi state line to the Pearl River flood plain (Scenic) | A B C G | 15 | 12 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090401 | Bogue Lusa Creek-Headwaters to Pearl River | A B C | 30 | 45 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 090501 | Bogue Chitto River-From Mississippi State Line to Pearl River Navigation Canal (Scenic) | A B C G | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090502 | Big Silver Creek-Headwaters to the Bogue Chitto River | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090503 | Little Silver Creek-Headwaters to the Bogue Chitto River | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090504 | Lawrence Creek-Headwaters to the Bogue Chitto River | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090505 | Bonner Creek-Headwaters to the Bogue Chitto River | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| 090506 | Thigpen Creek-Headwaters to the Bogue Chitto River | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 35 | 105 |
| Red River Basin (10) | | | | | | | | | |
| 100101 | Red River-Arkansas State Line to Alexandria (Hwy. 165) | A B C D F | 185 | 110 | 5.0 | 6.0-8.5 | 1 | 34 | 780 |
| 100201 | Red River-Alexandria (Hwy. 165) to Old River Control Structure Diversion Channel | A B C D | 185 | 110 | 5.0 | 6.0-8.5 | 1 | 34 | 780 |
| 100202 | Little River-Headwaters to Old River near Marksville, Louisiana | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100203 | Old River and Associated Waterbodies (Spring Bayou Wildlife Management Area) | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100301 | Black Bayou-Texas State Line to La. Hwy. 1 at Black Bayou Lake | A B C F | 250 | 25 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 100302 | Black Bayou Lake-From Hwy. 1 to Spillway | A B C | 250 | 25 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 100303 | Black Bayou-From Spillway at Black Bayou Lake to Twelve Mile Bayou | A B C | 250 | 25 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 100304 | Twelve Mile Bayou-Origin to Red River | A B C D F | 175 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100305 | Mahlin Bayou/McCain Creek-Origin to confluence with Twelve Mile Bayou | B L | 175 | 75 | [14] | 6.0-8.5 | 2 | 32 | 500 |
| 100306 | Kelly Bayou-Arkansas State Line to Black Bayou | A B C F | 90 | 40 | 5.0 | 6.0-8.5 | 1 | 33 | 665 |
| 100307 | Caddo Lake and James Bayou-Texas State Line to Caddo Lake | A B C D F | 120 | 35 | 5.0 | 6.0-8.5 | 1 | 34 | 325 |
| 100308 | Paw Paw Bayou and Tributaries-Texas State Line to Cross Lake | A B C D F | 75 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 100309 | Cross Bayou-Texas State Line to Cross Lake | A B C D F | 75 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 100310 | Cross Lake | A B C D F | 75 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 100401 | Bayou Bodcau-From Arkansas State Line to Red Chute Bayou at Cypress Bayou junction (includes Bodcau Lake) | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 800 |
| 100402 | Red Chute Bayou-From Cypress Bayou junction to Flat River | A B C | 250 | 75 | [14] | 6.0-8.5 | 1 | 32 | 800 |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|--------------------|-----------------|-----|---------|-----|----|-----|
| A-Primary Contact Recreation, B-Secondary Contact Recreation, C-Fish And Wildlife Propagation, L-Limited Aquatic Life and Wildlife Use, D-Drinking Water Supply, E-Oyster Propagation, F-Agriculture, G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 100403 | Cypress Bayou-Headwaters to Cypress Bayou Reservoir | A B C D F | 100 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 100404 | Cypress Bayou Reservoir | A B C D F | 100 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 100405 | Black Bayou (including Black Bayou Reservoir) | A B C D F | 100 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 100406 | Flat River-Headwaters to Loggy Bayou | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 100501 | Bayou Dorcheat-Arkansas State Line to Lake Bistineau (Scenic) | A B C F G | 250 | 25 | 5.0 | 6.0-8.5 | 1 | 33 | 440 |
| 100502 | Lake Bistineau | A B C F | 250 | 25 | 5.0 | 6.0-8.5 | 1 | 33 | 440 |
| 100503 | Caney Creek-Headwaters to Cow Branch (excluding Caney Lake) | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100504 | Caney Lake | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100505 | Loggy Bayou-Lake Bistineau Dam to Flat River | A B C F | 75 | 35 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |
| 100506 | Loggy Bayou-Flat River to Red River | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 800 |
| 100601 | Bayou Pierre-Headwaters to Sawing Lake | A B C F | 150 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100602 | Boggy Bayou-Headwaters to Wallace Lake | A B C F | 150 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100603 | Wallace Lake | A B C F | 150 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100604 | Wallace Bayou-Wallace Lake to Bayou Pierre | A B C F | 150 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100605 | Lake Edwards and Smithport Lake | A B C F | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100606 | Bayou Pierre-From Sawing Lake to Red River | A B C F | 150 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 100701 | Black Lake Bayou-Headwaters to Webster-Bienville Parish Line | A B C F | 26 | 9 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100702 | Black Lake Bayou-Webster-Bienville Parish Line to Black Lake (Scenic) | A B C F G | 26 | 9 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100703 | Black Lake and Clear Lake | A B C F | 26 | 9 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100704 | Kepler Creek-Headwaters to Kepler Lake | A B C F | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100705 | Kepler Lake | A B C F | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100706 | Kepler Creek-Kepler Lake to Black Lake Bayou | A B C F | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100707 | Castor Creek-Headwaters to Black Lake Bayou | A B C | 26 | 9 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100708 | Unnamed Tributary to Castor Creek near Town of Castor | B C | 26 | 9 | [2] | 6.0-8.5 | 2 | 32 | 79 |
| 100709 | Grand Bayou-Headwaters to Black Lake Bayou | A B C | 26 | 9 | 5.0 | 6.0-8.5 | 1 | 32 | 79 |
| 100710 | Unnamed Tributary to Grand Bayou near Town of Hall Summit | B C | 26 | 9 | [2] | 6.0-8.5 | 2 | 32 | 79 |
| 100801 | Saline Bayou-From its origin near Arcadia to La Hwy. 156 in Winn Parish (Scenic) | A B C F G | 110 | 20 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |
| 100802 | Saline Lake | A B C F | 110 | 20 | 5.0 | 6.0-8.5 | 1 | 32 | 250 |

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|--|--|-----------------|--------------------|-----------------|-----|---------|-----|----|-------|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 110101 | Toledo Bend Reservoir-Texas-Louisiana Line to Toledo Bend Dam | A B C D F | 120 | 60 | 5.0 | 6.0-8.5 | 1 | 34 | 500 |
| 110201 | Sabine River-Toledo Bend Dam to Confluence with Old River below Sabine Island Wildlife Management Area | A B C D | 120 | 60 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 110202 | Pearl Creek-From its origin to its entrance into Sabine River (Scenic) | A B C D G | 120 | 60 | 5.0 | 6.0-8.5 | 1 | 33 | 500 |
| 110301 | Sabine River-Confluence with Old River below Sabine Island Wildlife Management Area to Sabine Lake (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 110302 | Black Bayou-From boundary between segments 1103 and 1106 to Sabine Lake (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 32 | N/A |
| 110303 | Sabine Lake (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.0-8.5 | 4 | 35 | N/A |
| 110304 | Sabine Pass (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 110401 | Bayou Toro-Headwaters to La Hwy. 473 | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 110402 | Bayou Toro-La Hwy 473 to its entrance into Sabine River | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 150 |
| 110501 | West Anacoco Creek-Headwaters to Vernon Lake | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110502 | East Anacoco Creek-Headwaters to Vernon Lake | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110503 | Vernon Lake | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110504 | Bayou Anacoco-Vernon Lake to Anacoco Lake | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110505 | Anacoco Lake | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110506 | Bayou Anacoco-From Anacoco Lake to Cypress Creek | A B C | 15 | 10 | 5.0 | 6.0-8.5 | 1 | 32 | 90 |
| 110507 | Bayou Anacoco-From Cypress Creek to Sabine River Confluence | A B C | 150 | 300 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 110601 | Vinton Waterway-Vinton to Intracoastal Waterway (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 110602 | Black Bayou-Intracoastal Waterway to boundary between segments 1103 and 1106 (Estuarine) | A B C | N/A | N/A | 4.0 | 6.0-8.5 | 1 | 35 | N/A |
| 110701 | Sabine River Basin Coastal Bays and Gulf Waters to the State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |
| Terrebonne Basin (12) | | | | | | | | | |
| 120101 | Bayou Portage | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120102 | Bayou Poydras | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120103 | Bayou Choctaw | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120104 | Bayou Grosse Tete | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120105 | Chamberlin Canal | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120106 | Bayou Plaquemine-Plaquemine Lock to Intracoastal Waterway | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |

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|--|---|-----------------|--------------------|-----------------|------|---------|-----|------|-------|
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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 120107 | Upper Grand River and Lower Flat River- Headwaters to Intracoastal Waterway | A B C | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120108 | False River | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120109 | Intracoastal Waterway-Morgan City to Port Allen Route-Port Allen Locks to Bayou Sorrel Locks | A B C | 60 | 40 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 120110 | Bayou Cholpe-Headwaters to Bayou Choctaw | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120111 | Bayou Maringouin-Headwaters to East Atchafalaya Basin Levee | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120112 | Bayou Fardoche-Headwaters near Morganza to Bayou Grosse Tete | A B C | 25 | 25 | 5.0 | 6.0-8.5 | 1 | 32 | 200 |
| 120201 | Lower Grand River and Belle River-Bayou Sorrel Lock to Lake Palourde (includes Bay Natchez, Lake Natchez, Bayou Milhomme, and Bayou Long) | A B C | 60 | 40 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 120202 | Bayou Black-Intracoastal Waterway to Houma | A B C D | 85 | 40 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120203 | Bayou Boeuf-Lake Palourde to boundary between segments 1202 and 1204 | A B C D | 250 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 500 |
| 120204 | Lake Verret and Grassy Lake | A B C | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 120205 | Lake Palourde | A B C D | 100 | 75 | 5.0 | 6.0-8.5 | 1 | 32 | 350 |
| 120206 | Grand Bayou and Little Grand Bayou-Headwaters to Lake Verret | A B C | 60 | 40 | 5.0 | 6.0-8.5 | 1 | 32 | 300 |
| 120207 | Thibodaux Swamp (Pointe Au Chene Swamp)-Forested wetland in Lafourche and Terrebonne Parishes, 6.2 miles (10 km) southwest of Thibodaux, La., east of Terrebonne-Lafourche Drainage Canal, and north of Southern Pacific Railroad | B C | [5] | [5] | [5] | [5] | 2 | [5] | [5] |
| 120208 | Bayou Ramos Swamp Wetland-Forested wetland located 1.25 miles north of Amelia, Louisiana in St. Mary Parish-south of Lake Palourde | B C | [18] | [18] | [18] | [18] | 2 | [18] | [18] |
| 120301 | Bayou Terrebonne-Thibodaux to boundary between segments 1203 and 1206, at Houma | A B C | 540 | 90 | 5.0 | 6.0-8.5 | 1 | 32 | 1,350 |
| 120302 | Company Canal-From Bayou Lafourche to Intercoastal Waterway | A B C D F | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120303 | Lake Long | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120304 | Intracoastal Waterway-Houma to Larose | A B C D F | 250 | 75 | 5.0 | 6.5-9.0 | 1 | 32 | 500 |
| 120401 | Bayou Penchant-Bayou Chene to Lake Penchant | A B C G | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120402 | Bayou Chene-From Intracoastal Waterway to Bayou Penchant | A B C | 250 | 75 | 5.0 | 6.5-8.0 | 1 | 32 | 500 |
| 120403 | Intracoastal Waterway-Bayou Boeuf Locks to boundary between segments 1204 and 1203, at Houma (includes segments of Bayous Boeuf, Black and Chene) | A B C D F | 250 | 75 | 5.0 | 6.5-8.5 | 1 | 32 | 500 |

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| Code | Stream Description | Designated Uses | Numerical Criteria | | | | | | |
| | | | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 120404 | Lake Penchant | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120405 | Lake Hache, Lake Theriot | A B C | 500 | 150 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 120406 | Lake de Cade | A B C E | N/A | N/A | 5.0 | 6.0-9.0 | 4 | 35 | N/A |
| 120501 | Bayou Grand Caillou-Houma to Bayou Pelton | A B C | 500 | 150 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 120502 | Bayou Grand Caillou-From Bayou Pelton to the boundary between segments 1205 and 1207 (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120503 | Bayou Petit Caillou-From Bayou Terrebonne to Klondyke Road Bridge | A B C E | 500 | 150 | 5.0 | 6.0-9.0 | 4 | 32 | 1,000 |
| 120504 | Bayou Petit Caillou-Klondyke Road Bridge to boundary between segments 1205 and 1207 (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.0-9.0 | 4 | 32 | N/A |
| 120505 | Bayou Du Large-From Houma to Marmande Canal | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120506 | Bayou Du Large-Marmande Canal to the boundary between segments 1205 and 1207 (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.0-9.0 | 4 | 35 | N/A |
| 120507 | Bayou Chauvin-Ashland Canal to Lake Boudreaux (Estuarine) | A B C | N/A | N/A | 4.0 | 6.5-9.0 | 1 | 32 | N/A |
| 120508 | Houma Navigation Canal-Bayou Pelton to the boundary between segments 1205 and 1207 (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120509 | Houma Navigation Canal-Houma to Bayou Pelton | A B C D | 500 | 150 | 5.0 | 6.0-8.5 | 1 | 32 | 1,000 |
| 120601 | Bayou Terrebonne-Houma to Company Canal (Estuarine) | A B C | 445 | 105 | 4.0 | 6.0-9.0 | 1 | 32 | 1,230 |
| 120602 | Bayou Terrebonne-From Company Canal to Humble Canal (Estuarine) | A B C E | 5,055 | 775 | 4.0 | 6.5-9.0 | 4 | 32 | 10,000 |
| 120603 | Company Canal-From Intracoastal Waterway to Bayou Terrebonne | A B C | 500 | 150 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120604 | Bayou Blue-Intracoastal Waterway to boundary between segments 1206 and 1207 | A B C | 445 | 105 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120605 | Bayou Pointe Au Chien-Source to boundary between segments 1206 and 1207 | A B C | 445 | 105 | 5.0 | 6.5-9.0 | 1 | 32 | 1,000 |
| 120606 | Bayou Blue-Grand Bayou Canal to boundary between segments 1206 and 1207 (Estuarine) | A B C | 5,055 | 775 | 4.0 | 6.5-9.0 | 1 | 32 | 10,000 |
| 120701 | Bayou Grand Caillou-boundary between segments 1205 and 1207 to Caillou Bay (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120702 | Bayou Petit Caillou-From boundary between segments 1205 and 1207 to Houma Navigation Canal (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.0-9.0 | 4 | 32 | N/A |
| 120703 | Bayou Du Large-From the boundary between segments 1205 and 1207 to Caillou Bay (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.0-9.0 | 4 | 35 | N/A |
| 120704 | Bayou Terrebonne-From Humble Canal to Lake Barre (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120705 | Houma Navigation Canal-From the segment boundary between 1205 and 1207 to Terrebonne Bay (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |

| Table 3. Numerical Criteria and Designated Uses | | | | | | | | | |
|--|--|-----------------|-----|-----------------|-----|---------|-----|----|-----|
| A-Primary Contact Recreation; B-Secondary Contact Recreation; C-Fish And Wildlife Propagation; L-Limited Aquatic Life and Wildlife Use; D-Drinking Water Supply; E-Oyster Propagation; F-Agriculture; G-Outstanding Natural Resource Waters | | | | | | | | | |
| Code | Stream Description | Designated Uses | CL | SO ₄ | DO | pH | BAC | °C | TDS |
| 120706 | Bayou Blue-Boundary between segments 1206 and 1207 to Lake Raccourci (Estuarine) | A B C E | N/A | N/A | 4.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120707 | Lake Boudreaux | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120708 | Lost Lake, Four League Bay | A B C E | N/A | N/A | 5.0 | 6.0-9.0 | 4 | 35 | N/A |
| 120709 | Bayou Petite Caillou-From Houma Navigation Canal to Terrebonne Bay | A B C E | N/A | N/A | 5.0 | 6.0-9.0 | 4 | 32 | N/A |
| 120801 | Caillou Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120802 | Terrebonne Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120803 | Timbalier Bay | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120804 | Lake Barre | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120805 | Lake Pelto | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 35 | N/A |
| 120806 | Terrebonne Basin Coastal Bays and Gulf Waters to the State three-mile limit | A B C E | N/A | N/A | 5.0 | 6.5-9.0 | 4 | 32 | N/A |

APPENDIX C

Turbidity limitations will be required if they are established in a finalized TMDL or other wasteload allocation, and this TMDL or wasteload allocation establishes the limitation at the standard found in LAC 33:IX.1113.B.9.b.i-vi. Also, on a case-by-case basis, the turbidity limitation could be imposed on a facility to address a 303(d) impairment without a finalized TMDL.

As per LAC 33:IX.1113.B.9.b.i-vi, turbidity shall be limited as shown in the following table. Maximum turbidity levels are expressed as nephelometric turbidity units, or NTUs.

Discharges must be directly into one of the below named waterbodies in order for the effluent limitation to apply.

| Waterbody | Turbidity Limit (NTU) |
|---|----------------------------------|
| Red, Mermentau, Atchafalaya, Mississippi, and Vermilion Rivers | 150 NTU |
| estuarine lakes, bays, bayous, and canals ¹ | 50 NTU |
| Amite, Pearl, Ouachita, Sabine, Calcasieu, Tangipahoa, Tickfaw, and Tchefuncte Rivers | 50 NTU |
| freshwater lakes, reservoirs, and oxbows ² | 25 NTU |
| designated scenic streams and outstanding natural resource waters not previously mentioned ³ | 25 NTU |
| other state waters | background plus 10% ⁴ |

¹ LAC 33:IX.1121.B.3.b.iii.(d) refers to marine as water bodies with salinities equal or greater than two parts per thousand. The same principle applies here.

² LAC 33:IX.1121.B.3.b.iii.(a) refers to freshwater as water bodies with salinities less than two parts per thousand. The same principle applies here.

³ Outstanding natural resource waters include water bodies designated for preservation, protection, reclamation, or enhancement of wilderness, aesthetic qualities, and ecological regimes, such as those designated under the Louisiana Natural and Scenic Rivers System or those designated by the office as waters of ecological significance. This use designation applies only to the water bodies specifically identified in Table 3 (LAC 33:IX.1123) and not to their tributaries or distributaries unless so specified.

⁴ Background refers to the average, naturally occurring presence in the environment or the ambient instream concentration for a pollutant. The permittee shall analyze at least three upstream samples for turbidity. The arithmetic average of these samples equals the background turbidity, or B. The calculation for finding 10% of the background turbidity is shown below:

$$B \times 0.1 = X$$

10% of the background turbidity is denoted by X. Turbidity limit = B + X.